Ὀλύμπια Δώματα

OR, AN

ALMANACK

For the Year of our

LORD GOD 1712.

Being the Biſſextile or Leap-Year, and from the Worlds Creation, 5661.

Wherein is contained the Lunations, Conjunctions, and Aſpects of the Planets; the increaſe, decreaſe, and length of the Day and Night; the Equation of Time for rectifying Clocks and Watches; with the riſing, ſouthing and ſetting of the Planets and fixed Stars throughout the Year, whereby may be known the exact Hour of the Night at all times, when either the Moon or Stars are ſeen.

Calculated according to Art, and referred to the Horizon of the antient and renowned Borough-Town of *Stamford*, (formerly a famous Univerſity) whoſe Longitude is 24 deg. 20 min. and Latitude 52 deg. 41 min. fitting all the middle Counties of GREAT-BRITAIN, and without ſenſible error, the whole Kingdom.

By *JOHN WING*, Math.

Imprimatur, Benj. Ibbot.

LONDON:
Printed by J. Dawks, for the Company of STATIONERS. 1712.

Common Notes for this present Year, according to the

Julian, Engliſh or old account.		*Gregorian* or new account.
3	The Golden Number	3
13	The Cycle of the Sun	13
3	The Epact	22
F E	The Dominical Letters.	C B
5	The *Roman* Indiction.	5
30	The Number of Direction.	27

The Terms and their returns this Year.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*
- Octab. Hilar. January
- Quind. Hilar. January
- Craſt. Purif. February
- Octab. Purif. February

Eaſter Term begins May 7, and ends June 2, and hath 5 returns.
- Quind. Paſch. May
- Tres Paſch. May
- Menſ. Paſch. May
- Quinq. Paſch. May
- Craſt. Aſcen. May

Trinity Term begins June 20, and ends July 9, and hath 4 returns.
- Craſt. Trin. June
- Octab. Trin. June
- Quind. Trin June
- Tres Trin. July

Michaelmas Term begins October 23, and ends November 28, and hath 6 returns, *viz.*
- Tres Mich. October
- Menſ. Mich. October
- Craſt. Anim. November
- Craſt. Mart. November
- Octab. Mart. November
- Quind. Mart. November

Good are the Laws, if they be right apply'd,
But from them often Lawyers ſlip aſide.

Bright *Venus* is our Morning Star till the 17th of *Auguſt*, thence ſhe becomes our Evening Star till the end of the Year.

A Table of Simple Intereſt at Six *per Cent.*

	a day	a week.	a month.	3 months.	6 months.	a year.
	d. c.	*s. d. c.*	*s. d. c.*	*l. s. d. c.*	*l. s. d. c.*	*l. s. d. c.*
1	0 0	0 0 1	0 0 6	0 0 0 18	0 0 0 36	0 0 0 27
2	0 0	0 0 3	0 0 12	0 0 0 36	0 0 0 72	0 0 1 44
3	0 0	0 0 4	0 0 18	0 0 0 54	0 0 1 8	0 0 2 16
4	0 0	0 0 5	0 0 24	0 0 0 72	0 0 1 44	0 0 2 88
5	0 1	0 0 7	0 0 30	0 0 0 90	0 0 1 80	0 0 3 60
6	0 1	0 0 8	0 0 36	0 0 1 8	0 0 2 8	0 0 4 32
7	0 1	0 0 10	0 0 42	0 0 1 26	0 0 2 52	0 0 5 4
8	0 1	0 0 11	0 0 48	0 0 1 44	0 0 2 88	0 0 5 76
9	0 1	0 0 12	0 0 54	0 0 1 62	0 0 3 24	0 0 6 48
10	0 2	0 0 13	0 0 60	0 0 1 80	0 0 3 60	0 0 7 20
1	0 4	0 0 27	0 1 20	0 0 3 60	0 0 7 20	0 1 2 40
2	0 8	0 0 55	0 2 40	0 0 7 20	0 1 2 40	0 2 4 80
3	0 12	0 0 82	0 3 60	0 0 10 80	0 1 9 60	0 3 7 20
4	0 15	0 1 10	0 4 80	0 1 2 40	0 2 4 80	0 4 9 60
5	0 19	0 1 38	0 6 0	0 1 6 0	0 3 0 0	0 6 0 0
6	0 23	0 1 65	0 7 20	0 1 9 60	0 3 7 20	0 7 2 40
7	0 27	0 1 93	0 8 40	0 2 1 20	0 4 2 40	0 8 4 80
8	0 31	0 2 21	0 9 60	0 2 4 80	0 4 9 60	0 9 7 20
9	0 35	0 2 48	0 10 80	0 2 8 40	0 5 4 80	0 10 9 60
10	0 39	0 2 76	1 0 0	0 3 0 0	0 6 0 0	0 12 0 0
20	0 79	0 5 52	2 0 0	0 6 0 0	0 12 0 0	1 4 0 0
30	1 18	0 8 28	3 0 0	0 9 0 0	0 18 0 0	1 16 0 0
40	1 38	0 11 4	4 0 0	0 12 0 0	1 4 0 0	2 8 0 0
50	1 97	1 1 80	5 0 0	0 15 0 0	1 10 0 0	3 0 0 0
60	2 36	1 4 57	6 0 0	0 18 0 0	1 16 0 0	3 12 0 0
70	2 76	1 7 33	7 0 0	1 1 0 0	2 2 0 0	4 4 0 0
80	3 15	1 10 9	8 0 0	1 4 0 0	2 8 0 0	4 16 0 0
90	3 55	2 0 85	9 0 0	1 7 0 0	2 14 0 0	5 8 0 0
100	3 94	2 3 61	10 0 0	1 10 0 0	3 0 0 0	6 0 0 0

This Table ſhews the Intereſt of any ſum of Money from 1 *s.* to 100*l.* from a day to a year. And by the help of Addition you compute the Intereſt of any ſum whatſoever. And note, that for greater exactneſs the peny is divided into a 100 parts; ſo that 25 are a farthing, and 50 parts an half-peny, and 75 parts 3 far-, *&c.*

Example:

e Intereſt of 100 *l.* for ſix months one Week and one day, is thus d by the Table.

		l. s. d. q.		
Intereſt of 100 *l.*	for 6 mon.	03--0--0--00	*viz.*	*l. s. d.*
	for 1 week,	00--2--3--61		3-2-7 half-peny
	for a day,	00--0--3--94		
		03--2--7--55		

A Regal Table in a more exact manner.

The Year, Month, and Day, (accounting the Year to begin *Jan.* 1.) whereon every King and Queen of *Eng.* since the Conquest began their reign.				The number of Years, Months, and Days, that every K. and Q. reigned 28 da. to a month.								The num. of expired in this since they be to reign; as since they ende	
K. W. Conq	1066	Octob.	14	20	y	11	m	22	d	646			
W. Rufus	1087	Sept.	9	12	y	11	m	18	d	625	K. W. Co		
Henry 1	1100	Auguſt	1	35	y	4	m	11	d	612	W. Ruf		
Steven	1135	Decem.	2	18	y	11	m	18	d	577	Henry		
Henry 2	1154	Octob.	25	34	y	9	m	2	d	558	Steven		
Richard 1	1189	July	6	9	y	9	m	0	d	523	Henry		
John	1199	April	6	17	y	7	m	0	d	513	Richard		
Henry 3	1216	Octob.	19	56	y	1	m	0	d	491	John		
Edward 1	1272	Nov.	16	34	y	8	m	6	d	436	Henry		
Edward 2	1307	July	7	19	y	7	m	5	d	405	Edward		
Edward 3	1326	Jan.	25	50	y	5	m	7	d	385	Edward		
Richard 2	1377	June	21	22	y	3	m	14	d	335	Edward		
Henry 4	1399	Sept.	29	13	y	6	m	3	d	313	Richard		
Henry 5	1413	March	20	9	y	5	m	24	d	299	Henry		
Henry 6	1422	Auguſt	31	38	y	6	m	16	d	290	Henry		
Edward 4	1460	March	4	22	y	1	m	8	d	251	Henry		
Edward 5	1483	April	9	0	y	2	m	18	d	229	Edward		
Richard 3	1483	June	22	2	y	2	m	5	d	229	Edward		
Henry 7	1485	Auguſt	22	23	y	10	m	24	d	227	Richard		
Henry 8	1509	April	22	37	y	10	m	2	d	203	Henry		
Edward 6	1547	Jan.	28	6	y	5	m	19	d	166	Henry		
Q. Mary 1	1553	July	6	5	y	4	m	22	d	159	Edward		
Q. Elizabeth	1558	Nov.	17	44	y	4	m	15	d	154	Q. Mar		
James 1	1602	March	24	22	y	0	m	3	d	101	Q. Eliz		
Charles 1	1625	March	27	22	y	10	m	3	d	87	James		
Charles 2	1648	Jan.	30	36	y	0	m	0	d	62	Charles		
James 2	1685	Febr.	6	4	y	0	m	0	d	27	Charles		
William 3	1688	Febr.	13	14	y	0	m	23	d	23	James		
Mary 2										10	Willia		
Queen Anne	1702	March	8	Whom God grant long to Reign.									

Here Gods Vicegerents do in order ſtand,
And how Succeſſively each Rul'd the Land:
May we not want a Monarch great indeed,
Wiſe, Good and Gracious, Merciful in Need:
For ſuch a one may all good Chriſtians ſtand,
Both now and always for to Rule this Land.

ble shewing the Bearing, Distance, Longest day, and difference of Meridians of most of the principal Cities in the World, from the famous City of LONDON.

Names of the Places.	The way or point of bearing.	Dist. in mil.	Longest Day. h.	m.	Differ. Merid. h.	m.	
xandria in Egypt	so. e. by e.	2169	14	00	2	42	A
sterdam in Holland	e. by nor.	266	16	40	0	28	A
hens in Greece	so. e. by e.	1642	14	40	0	56	A
werp in Brabant	East fere.	248	16	38	0	24	A
rwick	North fere.	267	17	24	0	22	A
bylon	e. so. e.	2724	14	25	3	56	A
thfaida	s. e. by e,	2369	14	6	2	20	A
rmudas	w. so. w.	3409	14	10	4	56	A
ícute in East India	so. by e.	5214	12	20	6	8	A
is in France	east by sou.	86	16	25	0	9	A
nstantinople	e, south e.	1547	15	15	2	24	A
blin in Ireland	no.w. by w.	296	17	15	0	26	A
ntzick	e. nor. e.	96	17	5	1	44	A
maſcus	ea. south e.	2404	14	15	3	16	A
nburgh in Scotland	North	328	17	40	0	0	A
efus	ea. south e,	1800	14	40	2	30	A
rence	south east,	801	15	10	0	57	A
nkford	East fere.	448	16	15	0	47	A
mburgh	ea. no. ea.	538	18	0	0	56	A
ſalem	so. e. by ea.	2352	14	8	3	3	A
land	nor. no. w.	930	11	44	0	52	S
ppa	so. e. by ea.	2338	14	6	3	0	A
bon in Portugal	so. south w.	985	14	45	1	0	A
ddleburgh in Zealand	East.	205	16	30	0	20	A
tz in Germany	East.	410	16	25	0	40	A
lain	so. ea. fere.	645	15	22	0	48	S
rocco in Barbary	so. so. w.	1449	14	0	0	28	S
ico	w. by south	6844	13	20	9	59	A
ples	so. ea. by e.	1051	14	50	0	16	S
vels	ea. so. ea.	2635	14	30	3	52	S
is in France	so. so. ea.	215	15	57	0	10	A
lippi in Macedonia	ea. so. ea.	1395	15	10	2	10	A
gue in Bohemia	East fere.	700	16	15	1	14	A
nzai	ea. by so.	7272	13	35	11	28	A
ne	so. e. by ea.	887	15	4	1	7	A
re	ea. by so.	440	16	2	0	46	A
sburgh	ea. by so.	432	16	6	2	41	A
edo in Spain	so. by w.	934	14	36	5	36	
y	ea. sou. ea.	1605	15	00	2	62	A
mbes	so. w. by w.	6045	12	15	6	56	S
ice	ea. sou. ea.	474	15	28	1	3	A
il	sou. by w.	950	14	40	0	52	S
k	North fere.	150	17	0	0	4	S
ONDON.			16	26	0	0	A

A Table shewing the Hour and Minute of the Moon coming to the South the first six Months of this Year, 1712.

D.	*Jan.*	*Feb.*	*Mar.*	*April*	*May*	*June*
1	3 A 29	4 A 15	3 A 43	5 A 7	5 A 28	6 A
2	4 15	5 0	4 35	5 56	6 14	7
3	5 7	5 50	5 24	6 33	6 57	7
4	5 58	6 38	6 12	7 31	7 42	8
5	6 27	7 27	7 7	8 17	8 27	9
6	7 11	8 21	7 55	9 0	9 16	10
7	8 3	9 7	8 46	9 50	10 8	11
8	8 50	10 1	9 33	10 33	11 4	12
9	9 42	10 49	10 16	11 25	12 8	0 M
10	10 32	11 32	11 2	12 25	0 M 8	1
11	11 23	12 8	11 52	0 M 25	1 15	2
12	12 10	0 M 8	12 41	1 22	2 17	3
13	0 M 10	1 5	0 M 41	2 24	3 13	4
14	0 51	1 50	1 30	3 31	4 0	5
15	1 35	2 39	2 26	4 33	5 11	6
16	2 17	3 33	3 26	5 32	5 58	7
17	3 5	4 30	4 28	6 25	6 45	7
18	3 53	5 28	5 33	7 14	7 43	8
19	4 42	6 25	6 29	8 3	8 27	9
20	5 33	7 28	7 27	8 45	9 11	9
21	6 30	8 30	8 20	9 38	9 42	10
22	7 34	9 24	9 9	10 23	10 28	11
23	8 36	10 18	9 56	10 57	11 14	12
24	9 38	11 7	10 38	11 42	12 7	1 A
25	10 18	11 56	11 35	12 32	0 A 55	2
26	11 31	12 51	12 26	1 A 20	1 45	2
27	12 28	1 A 40	0 A 58	2 13	2 36	3
28	1 A 14	2 24	1 43	3 3	3 21	4
29	2 4	2 57	2 30	3 51	4 9	4
30	3 0		3 23	4 42	4 51	5
31	3 45		4 17		5 32	

A Table shewing the Hour and Minute of the Moons coming to the South the last six Months of this Year, 1712.

D.	July	Aug.	Sept.	Octob.	Nov.	Dec.
1	6 A29	8 A 12	10 A 7	10 A 57	11 A43	11 A 58
2	7 22	9 14	10 57	11 44	12 33	12 47
3	8 22	10 14	11 45	12 26	0 M33	0 M 47
4	9 23	11 15	12 42	0 M26	1 16	1 39
5	10 29	12 12	0 M42	0 55	2 5	2 12
6	11 30	0 M12	1 28	1 45	2 58	2 58
7	12 35	0 53	2 2	2 37	3 45	3 49
8	0 M35	1 47	2 52	3 26	4 34	4 27
9	1 26	2 44	3 43	4 20	5 8	5 5
10	2 16	3 31	4 32	5 8	5 58	5 52
11	3 8	4 5	5 25	5 55	6 41	6 36
12	4 1	4 45	6 14	6 39	7 25	7 25
13	4 53	5 42	7 7	7 23	8 11	8 16
14	5 23	6 31	7 57	8 11	8 55	9 15
15	6 12	7 25	8 40	8 54	9 45	10 14
16	6 57	8 20	9 22	9 38	10 41	11 19
17	7 44	9 8	10 7	10 25	11 42	12 25
18	8 33	9 53	10 53	11 14	12 45	1 A24
19	9 23	10 39	11 38	12 10	1 A53	2 23
20	10 17	11 24	12 29	1 A 8	2 54	3 15
21	11 4	12 9	1 A20	2 10	3 47	4 5
22	11 54	0 A51	2 13	3 12	4 52	4 53
23	12 41	1 39	3 14	4 18	5 36	5 40
24	1 A24	2 27	4 15	5 13	6 23	6 28
25	2 7	3 19	5 15	6 10	7 16	7 12
26	2 51	4 12	6 16	6 59	8 13	8 5
27	3 35	5 9	7 14	7 46	8 57	8 51
28	4 23	6 10	8 7	8 32	9 28	9 44
29	5 14	7 14	9 0	9 30	10 16	10 34
30	6 11	8 11	9 50	10 23	11 7	11 20
31	7 9	9 7		10 54		12 7

A 4

Jan-

January hath XXXI days.

☽ First quarter the 4 day, 25 min. past 3 afternoon
● Full moon the 12 day, 46 min. past 7 at night.
☾ Last quarter the 20 day, at 3 in the morning.
● New moon the 26 day, 48 min. past 9 at night.

1	a	Circumcis.	14	♓	44	Sharp Frosts	☽	A	44	8	
2	b	Sun ris. 8. 5	27		59	infest the	10	M	56	9	
3	c	Enoch	10	♈	43	season.	12		13	9	
4	d	Mathusal.	23		2	☌ ♄ ☿	0		13	9	
5	e	Sun set. 3. 59	5	♉	4	(□ ☉ ☽.	1	M	19	10	
6	f	Epiphany	16		56	Dark, cloudy	2		28	10	
7	g	Sun ris. 7. 58	28		45	and very cold	3		39	10	
8	a	Erhard.	10	♊	35	△ ♄ ♀. ☽ Ap.	4		44	11	
9	b	Marcellus	22		28	and inclined	5		36	11	
10	c	Sun set. 4. 7	4	♋	28	to Snow.	6		30	11	
11	d	Francon.	16		39	☽ ☌ ♂	7		6	12	
12	e	Sun ris. 7. 50	29		2	☽ Eclips. vis.	Ful		●	12	
13	f	1 aft. Epiph.	11	♌	37	☌ ♄ ♂ Much	5	A	13	12	
14	g	Sun set. 4. 14	24		25	stormy win-	6		17	12	
15	a	Maurice	7	♍	26	terly weath.	7		40	13	
16	b	Marcel.	20		32	Severe win-	9		5	13	
17	c	Sun ris. 7. 41	4	♎	1	terly weath.	10		24	13	
18	d	Pontian	17		25	which con-	11		49	13	
19	e	Sun set 4. 22	1	♍	20	tinues many	13		11	14	
20	f	2 aft. Epiph.	15		16	☌ ♄ ☉ days.	1	M	11	14	
21	g	Agneta	29		24	♂ ☌ ☿	2		30	14	
22	a	Sun ris. 7. 33	13	♐	44	_ ☉ ☽. ☽ Per.	3		55	14	
23	b	Term beg.	28		22		5		0	14	
24	c	Sun set 4. 31	12	♑	44	☍ ☉ ☿. ☽ ☊	5		53	14	
25	d	Con. S. Paul	27		14	Frosty and	6		32	14	
26	e	Sun ris. 7. 25	11	♒	36	cloudy, in-	New		☽	14	
27	f	3 aft. Epiph.	25		53	clin'd to sno.	5	A	43	14	
28	g	Sun set 4. 39	9	♓	31	☌ ♄ ☿ No	7	M	9	14	
29	a	Valerius	22		57	great altera-	8		20	14	
30	b	B. T. I. M.	6	♈	0	tion at the	9		45	14	
31	c	Sun ris. 7. 16	18		40	present.	11		3	14	

Watch too fast.

Moons setting

Moons rising

The { 11 day at noon ♄ / 22 day at 11 before noon ♀ / 25 day at 6 in the morn. ☿ / 26 day at 1 afternoon ☽ / 27 day at 8 before noon ♂ } is with the Moon

1	0	24	*Si Deus nobiſcum, quis contra nos?*
2	0	27	*The Year's begun, and roughly doth appear,*
3	0	30	*Both in the Air and Actions of the Year;*
4	0	33	*The two Infortunes are in Oppoſition,*
5	0	36	*Fall where it will, it is no good Poſition.*
6	0	39	Day 8 hours long.
7	0	42	
8	0	45	
9	0	48	*Paſſions miſplac'd, are dangerous: Let all*
10	0	52	*Remember* Ely's *Faults, with* Ely's *Fall.*
11	0	55	*Aldebaran* ſouth at 8 at night, and ſets 2
12	0	58	min. paſt 3 in the morn.
13	1	1	*Cambridge-Term* begins.
14	1	4	
15	1	7	Day 8 hours and a half long.
16	1	10	Seven Stars ſet 2 min. paſt 3 in the morn.
17	1	13	
18	1	16	
19	1	20	
20	1	23	*Aldebaran* ſouth 25 min. paſt 7 at night.
21	1	26	*Aldebaran* ſets 47 min. paſt 2 in the morn.
22	1	29	Seven Stars South 32 min. paſt 6 at night
23	1	32	and ſet 42 min. paſt 2 in the morn.
24	1	36	Day 9 hours long.
25	1	40	
26	1	44	
27	1	48	*Saturn* ſouth an hour paſt 11 at night.
28	1	52	Great Dog-Star ſouth 7 min. paſt 9 at night,
29	1	56	and ſets 40 min. paſt 1 in the morn.
30	2	0	Lyons Heart ſouth 19 min. paſt midnight,
31	2	4	and ſets half an hour paſt 7 in the morn.

Days increaſed.

Watch too faſt.

Febʒuary hath XXIX days.

☽ Firſt quarter the 3d day, at noon.
● Full moon the 11 day, half an hour before noon.
☾ Laſt quarter the 18 day, half an hour before noon
◉ New moon the 25 day, 43 min. paſt 10 bef. noon

M.D.	WD.	Ho. Days, with Suns riſ. & ſet.	Moons Signs.	Planets, Aſpects & change of Air.	Moons riſ. & ſet.	Watch too faſt
1	D	Sun ſet 4. 46	1 ♉ 0	Cloudy, tho'	12 13	14 4
2	E	Pur. M. B.	13 4	△ ♃ ☽ more	0 M 13	14 4
3	F	Sun riſ. 7.10	24 58	□ ♂ ☽. △ ☿ ☽	1 23	14 4
4	G	Veronica	6 ♊ 48	moderate.	2 Moon ſets 29	14 4
5	A	Sun ſet 4. 54	18 37	Fair and tem-	3 30	14 4
6	B	Q. Ann born	0 ♋ 30	perate for the	4 21	14 3
7	C	Zachary	12 33	ſeaſon △ ♂ ☽	5 0	14 3
8	D	Sun riſ. 7. 0	24 50	☽ ☋. ♂ ♃ ☽	5 33	14 2
9	E	Apollon	7 ♌ 22	Some cold	5 58	14 2
10	F	Scholaſt.	20 11	rain or ſnow	6 18	14 1
11	G	Sun ſet 5. 6	3 ♍ 19	about this	Ful ●	14
12	A	Term ends	16 53	time. △ ♃ ☽	6 A 50	13 5
13	B	Sun riſ. 6. 50	0 ♎ 20	♂ ♄ ☿	8 4	13 4
14	C	Valentine	14 9	△ ☿ ☽.	9 Moons 28	13 3
15	D	Fauſtin	28 6	Fair, clear &	10 56	13 2
16	E	Sun ſet 5.16	12 ♏ 7	froſty △ ☉ ☽	12 23	13 1
17	F	Septuageſ.	26 11	☽ Perigæon	0 M 23	13
18	G	Sun riſ. 6.40	10 ♐ 20	□ ♂ ☽	1 47	12 5
19	A	Sim. Ap.	24 25	♂ ♃ ☿	2 riſing 52	12 4
20	B	Euchariſt.	8 ♑ 30	♂ ♂ ☉ Plea-	3 46	12 3
21	C	Sun ſet 5.26	22 34	☽ ☊ ſant and	4 31	12 1
22	D	Cath. Pet.	6 ♒ 36	ſeaſonable.	5 0	12
23	E	Sun riſ. 6.30	20 31		5 25	11 5
24	F	S. Matthias	4 ♓ 16	Overcaſt for	5 43	11 3
25	G	Sun ſet 5.34	17 45	ſnow or rain	New ☽	11 2
26	A	Neſtor	1 ♈ 18	now abouts.	7 A 26	11
27	B	Sun riſ. 6.22	13 53	☽ ♄ ☿ Cold	8 M 44	10 5
28	C	Macar.	26 30	and black	9 Mn. ſet 54	10 3
29	D	Sun ſet 5.39	8 ♉ 50	Froſts.	11 5	10 1

Watch too faſt.

M.D.	
1	2
2	2
3	2
4	2
5	2
6	2
7	2
8	2
9	2
10	2
11	2
12	2
13	2
14	3
15	3
16	3
17	3
18	3
19	3
20	3
21	3
22	3
23	3
24	3
25	3
26	3
27	3
28	3
29	4

The { 9 day at 4 afternoon ♄ / 21 day at 10 at night ☽ / 22 day at 1 in the morn. ☿ / 23 day at 8 in the morn. ♀ / 25 day at 9 in the morn. ♂ } is with the Moon.

The increase and decrease of the Days.

M.	D.	H.	M.	
			8	Day 9 hours and a half long.
1	2		12	*Magistratus bonus Dei donum est.*
2	2		16	Seven Stars south, 41 min. past 5 at night,
3	2		20	and set 51 min. past 1 in the morn.
4	2		24	
5	2		28	
6	2		32	*Jupiter* rises 44 min. past 5 in the morn.
7	2		36	Day 10 hours long.
8	2		40	*Saturn* south 38 min. past 10 at night.
9	2		44	*Lyons Heart* south 37 min. past 11 at night,
10	2		48	and sets 45 min. past 6 in the morn.
11	2		52	
12	2		56	
1	3		0	
2	3		4	News from the North. *Honores mutant mores.*
3	3		8	Day 10 hours and an half long.
4	3		12	*Mars* sets nearly with the Sun.
5	3		17	Great Dog Star south 47 min. past 7 at night,
6	3		21	and sets 21 min. after midnight.
7	3		25	
8	3		29	
9	3		33	
10	3		37	Day 11 hours long.
11	3		41	*Venus* rises at 5 in the morning.
12	3		46	*Mercury* rises 45 min. after *Venus*.
1	3		50	*A towring Cedar, tho't seem straight and tall,*
2	3		54	*The Wind will totter 't, if not give 't a fall.*
3	3		58	*Recta conscientia ne latum quidem unguem discindendum.*
4	3		2	

Days increased.

March hath XXXI days.

☽ First quarter the 4 day, at 11 before noon.
○ Full Moon the 11 day, 15 min. after midnig'.
☾ Last quarter the 18 day, 30 min. past 6 at nig.
● New moon the 26 day, at 1 in the morn.

1	d	Sun ris. 6. 18	20	♉	56	Fair and dry,	12	21	10				
2	e	Shrove S.	2	♊	51	and small	○M	21	9	3			
3	f	Cunigun	14		29	☽ Apogæon	1	14	9	2			
4	g	Sun set 5.46	26		27	Winds.	2	M 10	9				
5	a	Ash-wednes.	8	♋	20	Fair, warm,	2	56	8	5			
6	b	Frederick	20		23	☽☍ and sea-	3	31	8	3			
7	c	Sun ris. 6. 4	2	♌	41	sonable some	4	3	8	1			
8	d	Q Ann Prop	15		17	days.	4	24	7	5			
9	e	Quadragef.	28		15	Windy and	4	41	7	3			
10	f	Sun set 6. 2	11	♍	36	✶ ☉ ☿ some	4	53	7	2			
11	g	Cunibert	25		18	Rain at or	Ful	●	7				
12	a	Ember W.	9	♎	19	about this	7	A 17	6	4			
13	b	Sun ris. 5.52	23		35	time.	8	49	6	2			
14	c	Eutychus	8	♏	0	Brisk Winds,	10	17	6				
15	d	Sun set 6.12	22		28	but fair and	11	4	5	4			
16	e	2 Sun. Lent	6	♐	53	✶ ☿ ♂. ☽ Per.	13	5	5	2			
17	f	Sun ris. 5.44	21		11	△ ☉ ♄ warm.	1	M 5	5				
18	g	Gabriel	5	♑	19	Cloudy, but	1	56	4	5			
19	a	Joseph	19		18	☌☽ tempe-	2	44	4	3			
20	b	Sun set 6. 22	3	♒	7	rate and fair	3	18	4	1			
21	c	Benedict	16		45	for som days.	3	37	3	5			
22	d	Sun ris. 5.34	29		55	△ ♄ ♂	3	57	3	3			
23	e	3 Sund. Lent	13	♓	30	✶ ☿ ☿	4	12	3	1			
24	f	Sun set. 6.30	26		36	Cloudy.	4	26	2	5			
25	g	Lady day	9	♈	30		4	38	2	4			
26	a	Sun ris. 5.26	22		11	△ ♄ ☿ Stor-	☽ Neu		2	2			
27	b	Jo. Erem.	4	♉	38	♂ ♂ ☿ my	9	A 3	2				
28	c	Sun set 6.39	16		52	about this	10	17	1	4			
29	d	Eustachius	28		55	time.	11	22	1	3			
30	e	Violent S.	10	♊	49	☽ Apogæon	12	27	1	1			
31	f	Sun ris. 5.15	22		37	Fair and dry.	○M	27	0	5			

Moons setting. Watch too slow. Moons rising. Moons set.

The { 7 day at 10 at nig. ♄ / 20 day at noon ♃ / 22 day at 10 at night ☿ / 25 day at 5 in the morn. ☿ / 25 day at 10 in the morn. ♂ } is with the Moon

4	5		*Sors omnia verſat.*
4	9		
4	12		Day 11 hours and a half long.
4	16		*Scorpions* heart riſes near 1 in the morning.
4	19		and is ſouth 30 min. paſt 4 in the morn.
4	23		*Commencement for Batchelors in Arts*, Cambridg
4	27		
4	30		
4	34		Day 12 hours long.
4	38		Virgins Spick riſes near 8 at night, and is
4	42		ſouth at 1 in the morn.
4	46		*Jupiter* riſes at 4 in the morning.
4	50		*Venus* riſes 46 min. paſt 4 in the morn.
4	54		
4	58		
5	2		
5	6		Day 12 hours and a half long.
5	10		Seven Stars ſet 7 min. paſt 11 at night.
5	14		*Scorpions* heart riſes 2 min. after midnight,
5	18		and is ſouth 33 min. paſt 3 in the morn.
5	22		
5	26		
5	30		Seven Stars ſet 48 min. paſt 10 at night.
5	34		Day 13 hours long.
5	38		Seven Stars riſe 20 min. paſt 6 in the morn.
5	43		(*Air*,
5	48		*Rough Clouds are wandring through a troubl'd*
5	52		*Tho' not diſperſt, nor are they where they were,*
5	56		*A powerful Prince great Miſchief would bring on,*
6	1		*But's vaniſh'd thro' the Atmoſphere, and's gone.*
6	6		Day 13 hours and a half long.

Days increaſed.

April hath XXX days.

☽ First quart. the 3 day, 48 min. past 3 in the morn.
● Full moon the 10 day, half an hour past 10 in morn.
☾ Last quarter the 17 day, 20 min. past 2 in the morn.
● New moon the 24 day, 48 min. past 3 afternoon.

1	g	Sun ris. 5.13	4	♋	27	Gentle winds	1	M	7	0	41
2	a	Mar. Egypt	16		19	☽☿ but fair,	1		46	0	24
3	b	Christian	28		20	♂ ☉ ♀ warm	2		13	0 ✱	8
4	c	Sun set 6.53	10	♌	35	and dry.	2		38	0 ✱	7
5	d	Vincent	23		9	△ ♂ ☽	2		59	0	22
6	e	5 Sund. Lent	6	♍	8	△ ♀ ☽	3		13	0	37
7	f	Sun ris. 5.1.	19		32	Overcast for	3		28	0	52
8	g	Dionysius	3	♎	22	□ ♃ ♀ rain,	3		41	1	6
9	a	Sun set 7. 3	17		38	at or about	3		56	1	19
10	b	Ezechiel	2	♏	15	□ ♄ ☽ this	Ful		●	1	31
11	c	Leo. Pap.	17		4	time.	9	A	13	1	44
12	d	Sun ris. 4.51	1	♐	56	A fair and	10		40	1	57
13	e	Palm Su.	16		47	☽ Perigæon	11		49	2	9
14	f	Sun set 7.13	1	♑	26	□ ♃ ☉ fruit-	12		47	2	19
15	g	Olympia	15		50	☽ ♉ ful sea-	0	M	47	2	30
16	a	Sun ris. 4.43	29		55	✱ ♃ ♀ son	1		20	2	41
17	b	Anicetus	13	♒	41	for som days.	1		39	2	51
18	c	Apollon	27		8	Gentle winds	1		58	3	0
19	d	Sun set 7.25	10	♓	19	and cloudy,	2		15	3	8
20	e	Easter Day	23		17	but fair and	2		31	3	16
21	f	Adeler	6	♈	2	warm △ ♄ ☽	2		45	3	24
22	g	Sun ris. 4.33	18		35	(♂ ♀ ☽	3		1	3	32
23	a	S. GEORGE	0	♉	59	Some mode-	3		17	3	39
24	b	Sun set 7.31	13		14	rate showers	New		☽	3	45
25	c	S. Mark	25		20	△ ♃ ♀ about	9	A	20	3	50
26	d	Sun ris. 4.25	7	♊	18	✱ ♄ ☿ this	10		18	3	54
27	e	Low Sun.	19		12	☽ Ap. time.	11		8	3	58
28	f	Sun set 7.38	1	♋	2	Cloudy.	11		52	4	2
29	g	Sibylla	12		51	☽ ♊ Fair,	12		23	4	5
30	a	Sun ris. 4.1	24		44	ind warm.	0		23	4	8

Moons setting

Moons rising

Watch too flow.

Days increased.

The { 4 day at 7 in the morn. ♄ / 16 day at 11 at night ♃ / 21 day at 10 at night ♀ / 23 day at noon ♂ / 26 day at 1 afternoon ☿ } is with the Moon.

16	10	Day 13 hours and a half long.
26	14	*The worſt deſign that ever yet was laid,*
36	18	*Has ſome pretence of Good, when all is ſaid;*
46	22	*But let's be careful how we truſt ſome Men,*
56	26	*Who'l tell you they'l be juſt, but never when.*
66	30	
76	34	
86	38	Day 14 hours long.
96	42	*Venus* riſes near 4 in the morning.
06	46	Virgins Spick ſouth 10 min. paſt 11 at night,
16	50	and ſets 15 min. paſt 4 in the morning.
26	54	
36	58	Cambridge *Latter Act the third day.*
47	2	
57	6	Day 14 hours and a half long.
67	10	Seven Stars riſe at 5 in the morning, and ſets
77	14	20 min. paſt 9 at night.
87	17	Seven Stars riſes 52 min. paſt 4 in the morn
97	21	and ſets 12 min. paſt 9 at night.
07	24	
17	28	
27	31	*Beati qui ex eorum numero eſſe merentur, quos*
37	34	*mundus pro ſtultis, Deus pro ſapientibus habet.*
47	37	Day 15 hours long.
57	40	
67	43	
77	45	South Ballance ſouth, 30 min. paſt 11 a
87	49	night, and ſets 14 min. paſt 4 in the morn.
97	53	*Antares* riſes 30 min. paſt 9 at night, and
07	56	is ſouth at 1 in the morning.

Days increaſed.

☽ First quarter the 2 day, 39 min. past 7 at night.
● Full moon the 9 day, 28 min. past 6 at night.
☾ Last quarter the 16 day, 46 min. past 10 before noo
● New moon the 24 day, 5 min. past 5 in the morn.

1	h	Phil. & Jac	6	♌	45	□ ♆ ♂ Rough	☌M	42	4	1
2	c	Sun set 7.45	18		59	cloudy and	1	0	4	1
3	d	Inv. Crucis	1	♍	30	stormy Wea-	1	19	4	1
4	e	2 aft. Easter	14		23	ther. □ ♄ ♂	1	33	4	1
5	f	Sun ris. 4. 9	27		42	(□ ☿ ☽.	1	48	4	1
6	g	Jo. à Port.	11	♎	30	Hasty Show-	2	3	4	1
7	a	Term beg.	25		46	ers, and is	2	22	4	1
8	b	Sun set 7.55	10	♏	28	like to con-	2	40	4	
9	c	Niobe	25		29	tinue rainy	☍ful	●	4	
10	d	Sun ris. 4. 2	10	♐	38	for som days.	9	A40	4	
11	e	3 aft. Easter	25		48	☽ Perigæon	10	M41	3	
12	f	Sun set 8. 0	10	♑	48	□ ♃ ☿. ☽☊	11	30	3	
13	g	Servatius	25		30	Windy, but	12	0	3	
14	a	Sun ris. 3.58	9	♒	50	□ ♄ ♀ fair	☌M	0	3	
15	b	Sophia	23		44	and cloudy.	0	19	3	
16	c	Sun set 8. 4	6	♓	53	Fine Weather	0	36	3	
17	d	Jodocus	20		19	△ ♃ ☉ for	0	49	3	
18	e	4 aft. Easter	3	♈	6	several days.	1	0	3	
19	f	Sun ris. 3.52	15		37	✶ ♄ ☉	1	14	3	
20	g	Bernard	27		56	(□ ♃ ☽.	1	28	3	
21	a	Sun set 8.10	10	♉	6	The Weather	1	41	2	
22	b	Helena	22		9	continues	2	4	2	
23	c	Sun ris. 3.48	4	♊	7	seasonable.	2	29	2	
24	d	Esther	16		2	♂ ☉ ☿. ☽ Ap.	☊eu	●	2	
25	e	Rog. Sunn.	27		54	☽☋ Showers	9	A51	2	
26	f	Sun set 8.15	9	♋	46	about this	10	20	2	
27	g	Beda	21		40	time. ♂ ♂ ☿	10	50	1	
28	a	Sun ris. 3.44	3	♌	38	(✶ ♂ ☽	11	11	1	
29	b	Astron. Day	15		43	K. Cha. II. ☊.	11	27	1	
30	c	Sun set 8.17	27		58	Fair for some	11	40	1	
31	d	Petronel	10	♍	28	days.	11	53	1	

Moon sets
Moons rising
Watch too fast.

The { 1 day at 4 Afternoon ♄ / 14 day at 8 in the morn ☿ / 22 day at 4 in the morn. ♀ / 22 day at noon. ♂ / 24 day at 11 bef. noon ☿ } is with the Moon

1	8	0	Seven Stars riſes 2 min. paſt 4 in the Morn.
2	8	4	Day 15 hours and a half long.
3	8	7	Seven Stars ſets 20 min. paſt 8 at Night
4	8	11	*Infelix dominum quanta virtute paraſti.*
5	8	14	
6	8	18	
7	8	21	
8	8	24	*Aldebaran* ſets 55 min. paſt 7 at Night
9	8	27	Virgins Spick South, 18 min. paſt 9 at night.
10	8	29	Virgins Spick ſets 21 min. paſt 2 in Morn.
11	8	32	*Arcturus* South 3 min. paſt 10 at night.
12	8	34	Day 16 hours long.
13	8	36	*Arcturus* ſets at 6 in the Morning.
14	8	38	
15	8	41	
16	8	43	*Jupiter* becomes Retrograde in Motion.
17	8	45	*Strange Things on Foot in* Rome *and* Italy,
18	8	47	*Mark how it goes in that ſame Country;*
19	8	49	*The three Superiours do oppoſe and ſquare,*
20	8	52	*Some unexpected Alteration's there.*
21	8	54	Qualis Populus, talis Sacerdos.
22	8	56	
23	8	58	
24	9	0	
25	9	2	*To be deceiv'd once is ill, twice is Fooliſh.*
26	9	4	Day 16 hours and a half long.
27	9	6	*Lucida Corona* South near 11 at Night.
28	9	8	Head of *Hercules*, South 56 min. p. 11 at
29	9	9	night, and ſets 14 min. p. 7 in the morn.
30	9	♌	*Antares* South near 11 at Night, and ſets
31	9	11	26 min. paſt 2 in the morning.

Days Increaſed.

June hath xxx days.

☽ First quarter the 1 day, 11 min. paſt 8 in the mor
● Full Moon the 8 day, 34 min. paſt 1 in the morn
☾ Laſt quarter the 14 day, 6 min. paſt 8 at Night.
● New Moon the 22 day, 7 min. paſt 10 at Night.
☽ Firſt quarter the 30 day 41 min. paſt 5 afternoon

1	ℰ	6 aft .Eaſter	23	♍	17	✶ ♄ ☿. Hot	12		c	o			
2	f	Term end	6	♎	30	and ſoultyr	o	M	o	o			
3	g	Sun riſ.3.42	20		9	Weather.	o		17	o			
4	a	*Qurinus*	4	♏	17	The Weather	o		33	o			
5	b	*Boniface*	18		51	△ ♆ ☿. ſtill	o		57	o			
6	c	Sun ſet.8.18	3	♐	47	continues hot	1		42	o			
7	d	*Paul Ep.*	18		59	and dry.	2		23	o			
8	ℰ	Whitſund.	4	♑	15	☽ Perig. ☽ ☌.	Full		●	o			
9	f	Sun riſ. 3.41	19		26	♂ ☿ ☿. Show-	9	A	46	o			
10	g	*Getulius*	4	♒	22	✶ ♄ ☿. △ ♆ ♂	10		17	o			
11	a	S. Barnab.	18		58	ers.	10		37	o			
12	b	Emb Week	3	♓	0	Fair and warm	10		53	o			
13	c	Sun ſet. 8.19	16		36	✶ ♄ ☿. for	11		8	1			
14	d	*Valerius*	29		46	✶ ♄ ☽ ✶ ♂ ☽	11		21	1			
15	ℰ	Tr. Sund.	12	♈	32	ſome days.	11		36	1			
16	f	Sun riſ. 3.42	24		58	Small Breezes	11		52	2			
17	g	*Voleman*	7	♉	9	of Wind with	12		12	2			
18	a	Sun ſet.8.17	19		11	white Clouds,	o	M	12	2			
19	b	*Corpus Chriſ.*	1	♊	7	but fair.	o		36	2			
20	c	Ter. Beg.	12		59	Overcaſt and	1		13	2			
21	d	Sun riſ.3.45	24		50	ſhowers now	2		3	3			
22	ℰ	1. aft. Trin.	6	♋	43	✶ ♄ ♂. ☽ Ap.	New		☽	3			
23	f	Sun ſet 8. 14	18		39	about.	8	A	47	3			
24	g	S. Jo. Bap.	o	♌	40	Very moderate	9		10	3			
25	a	Sun riſ.3.47	12		48	pleaſant and	9		27	3			
26	b	*Feremias*	25		4	warm for ſome	9		41	4			
27	c	Sun ſet 8.11	7	♍	28	days. △ ♂ ☽.	9		51	4			
28	d	*Leo*	20		4	Temperate	10		1	4			
29	ℰ	Pet. Paul	2	♎	55	and good Hay	10		16	4			
30	f	Sun riſ.3. 51	16		5	Weather.	10		34	4			

Moon Sets

Moons Riſing

Moon Sets

June 1712.

The { 10 day at 3 afternoon ☿ / 20 day at 11 beforenoon ♂ / 20 day at 11 at Night ☌ / 21 day at Noon ☌ / 25 day at 2 afternoon ♄ } is with the Moon.

1	9	11	Something very remarkable in Hand.
2	9	12	*In apricum proferet Ætas.*
3	9	13	*Virgins Spick* South 40 min. paſt 7 at night,
4	9	14	and ſets 50 min. after midnight.
5	9	15	*Seven Stars* riſes 43 min. paſt 1 in the morn.
6	9	15	and ſets 3 min. paſt 6 afternoon.
7	9	16	
8	9	16	
9	9	16	*Arcturus* South 5 min. paſt 8 at night, and
10	9	16	ſets at 4 in the morning.
11	*	*	Longeſt day at *Stamford*, 16 hours 38 min.
12	0	0	*Scorpion*'s Heart South at 10 at night, and
13	0	0	ſets 32 min. paſt 1 in the morning.
14	0	0	
15	0	1	
16	0	1	
17	0	2	Head of *Hercules* South 28 min. paſt 10 at
18	0	3	night, and ſets 46 min. paſt 5 in the morn.
19	0	3	*Virgins Spick* South 28 min. paſt 6 at night,
20	0	4	and ſets 31 min. paſt 11 at night.
21	0	5	
22	0	6	Day 16 hours and a half long.
23	0	7	*Formidabilis eſt in civitate ſua, verboſus &
24	0	8	qui preceps eſt in ſermone ſuo odio futurus
25	0	9	eſt. Ec.* 9. 18.
26	0	10	
27	0	12	*There are too few in theſe our days we ſee,*
28	0	14	*That truly ſerve God's Sacred Majeſty:*
29	0	16	*Some'd rather ſeek him in full Bags of Coin;*
30	0	18	*But know, that God and Mammon cannot join.*

Days Increaſed. Days Decreaſed.

July hath xxxi days.

● Full Moon the 7 day, 40 min. paſt 8 in the morn.
☾ Laſt quarter the 14 day, 16 min. paſt 9 in the morn
● New Moon the 22 day, 5 min. paſt 1 Afternoon.
☽ Firſt quarter the 30 day, at 1 in the morn.

1	g	Sun ſet 8. 8	29 ♎ 37	Fair and dry	10	☉	A	54	4
2	a	Viſit V. M.	13 ♏ 33	with ſmall	11		Moon	22	4
3	b	*Cornelius*	27 3	Winds.	12		3		5
4	c	Sun riſ. 3 55	12 ♐ 33	△ ♄. ☽. ☌ ♂ ☽	0		M	3	5
5	d	*Anſelm.*	27 31	☽ Perig. ſome	1		○		5
6	e	3 aft. Trin.	12 ♑ 38	☌ ☿ ♀. ſmall	2		13		5
7	f	Sun ſet 8. 1	27 53	☽ Ec. Inviſible.	Full		●		5
8	g	*Chilian*	12 ♒ 40	Showers about	8		A	35	5
9	a	Termend	27 17	this Time.	8			53	5
10	b	Sun riſ. 4. 3	11 ♓ 29	Fair and ſea-	9			0	5
11	c	*Pius.*	25 14	ſonable for the	9			18	5
12	d	*Henricus*	8 ♈ 30	Hay Time.	9			35	5
13	e	4 aft. Trin.	21 20	☌ ☉ ☿. Rough	9			5●	5
14	f	Sun ſet 7. 51	3 ♉ 48	Winds raiſing	10			10	5
15	g	*Swithin*	15 59	☌ ☿ ♀. Clouds	10			34	5
16	a	Sun riſ. 4. 11	27 58	☌ ☉ ♀.	11			5	5
17	b	*Alexius*	9 ♊ 49		11			46	5
18	c	*Maternus*	21 38	Mild warm	12			37	5
19	d	Sun ſet 7.43	3 ♋ 28	☽ Ap. ☽ ♆.	●		M	37	5
20	e	5 aft. Trin.	15 22	☌ ☿ ♀. Wea-	1			36	5
21	f	Sun riſ 4.20	27 24	ther.	2			45	5
22	g	Dog-da-beg.	9 ♌ 35	☌ ♄ ♀. Dark	New			☽	5
23	a	Sun ſet 7.38	21 55	and Cloudy per-	7		A	48	5
24	b	*Chriſtina*	4 ♍ 25	haps ſome	8			0	5
25	c	S. James	17 5	Showers.	8			12	5
26	d	Sun riſ. 4. 28	29 57	A fair and tem-	8			25	5
27	e	6 aft. Trin.	13 ♎ 2	perate Seaſon	8			41	5
28	f	Sun ſet 7.28	26 19	for ſome days.	8			59	5
29	g	*Beatrice*	9 ♍ 51	☌ ☉ ♄. Fair	9			22	4
30	a	*Abdon*	23 39	and warm	9			55	4
31	b	Sun riſ. 4 38	7 ♐ 45	Weather.	10			50	4

Moon's Sets — Moon's Riſing — Watch too faſt

The { 7 day at 9 at night ☿ ; 19 day at 9 in the Morn. ♂ ; 21 day at 9 at night ♀ ; 23 day at 3 in the morn. ☿ ; 23 day at 3 in the morn ♄ } is with the Moon.

	0 20	*Many Differences are very likely to happen in the North parts of the World, which in the main will prove of ill Consequence.*
	0 22	
	0 24	
	0 26	*Imo inveterata parit odium, illa festucæ, hæc trabs est.*
	0 28	
	0 30	*Cambridge* Term ends the 4th Day.
	0 33	
	0 35	Day 16 hours long.
	0 38	Commencem. Tuesday in *Camb. is the 1 day.*
	0 40	*Seven Stars* rises 15 min. past 11 at Night.
	0 43	*South Ballance*, South 26 min. past 6 at Night
	0 46	and sets 7 min. past 1 in the Morning.
	0 49	*Fomahant* rises 48 min. past 11 at night,
	0 52	and is south half hour past 2 in the morn.
	0 ☉ 55	
	0 58	
days Decreased	1 1	*Seven Stars* rise 49 min. past. 10 at Night.
	1 4	Day 15 hours and a half long.
	1 7	*Seven Stars* South at 7 in the Morning.
	1 10	H. of *Hercules* South 11 min. past 8 at night,
	1 13	and sets half an hour past 3 in the morn.
	1 16	*Potentes potenter tormenta patientur.*
	1 19	
	1 22	
	1 25	
	1 28	*North Ballance* sets 10 min. past 11 at night.
	1 32	Day 15 hours long.
	1 36	*Antares* South at 7 at Night.
	1 40	*Antares* sets 28 min. past 10 at night.
	1 44	*Envy and Wrath shorten the Life, and carefulness bringeth Age before the Time.* Ec. 30 24.
	1 48	

August hath xxxi days.

● Full Moon the 5 day, 36 min. past 4 Afternoon.
☽ Last quarter the 13 day, 5 min. past 1 in the morn.
● New Moon the 21 day, 5 min past 3 in the morn.
☽ First quarter the 28 day, 14 min. past 7 in the mor

1	c	Lammasday	22	♐	7	Fair but windy	11	☽	5	1	4
2	d	Sun set. 7. 19	6	♍	42	☽ Perig. ☽ ☌.	1	M	10		4
3	e	7 aft. Trin.	21		58	☌ ♄ ☿ ☌ ☿ ☾	1	Sets	10		4
4	f	Sun ris. 4.44	6	♒	15		2		33		3
5	g	*Oswald*	20		57	Now expect	Full	●			3
6	a	Sun set. 7. 72	6	♓	15	✶ ♂ ♀. Rain	7	A	16		3
7	b	*Afra*	19		34	△ ♂ ☽. at or	7		30		3
8	c	*Ladislaus*	3	♈	19	about this time.	7		56		3
9	d	Sun ris. 4.54	16		39	Fair temperate	8	Moons	0		2
10	e	8 aft. Trin.	29		34	Weather for	8	Rising	18		2
11	f	Sun set 7. 2	12	♉	6	△ ♄ ☽. the	8		39		2
12	g	*Clara*	24		15	Harvest.	9		10		2
13	a	*Hippolyt.*	6	♊	15	The Weather	9		49		1
14	b	Sun ris. 5. 3	18		6	continues fair	10		36		1
15	c	*Assum. Mary*	29		53	☽ Ap. and good.	11		33		1
16	d	Sun set. 6. 53	11	♋	53	☽ ☍. △ ☿ ☿.	12		42		1
17	e	9 aft. Trin	23		40	☌ ☉ ☿.	0	M	42		0
18	f	Sun ris. 5.10	5	♌	47		1		47		0
19	g	*Sebaldus*	18		5	Winds raising	3		3		0
20	a	*Bernard*	0	♏	37	Clouds produ-	4		17		0
21	b	Sun set 6.44	13		25	cing some few	New	☽			0
22	c	*Symphar.*	26		27	△ ☿ ☽. drops	6	A	42		0
23	d	Sun ris. 5.20	9	♎	41	of Rain.	7		0		0
24	e	S. Barthol.	23		7	Fair but windy	7		16		1
25	f	Sun set 6.36	6	♏	43	for some days.	7		40		1
26	g	*Irenæus*	20		28	△ ♂ ☽. □ ♄ ☽	8		6		1
27	a	Sun ris. 5.28	4	♐	21		8		48		2
28	b	dog-da-end	18		22	☌ ☿ ♂. Stor-	9		44		2
29	c	*Decol. J. B.*	2	♍	30	☽ Per. ☽ ☌. my	10		53		2
30	d	Sun set 6.28	16		45	towards the end	12		21		3
31	e	11 aft Trin.	0	♒	35	of the Month.	0	M	21		3

Moons Rising — Moons Setting

* * Watch too fast. — Watch too slow.

August 1712.

The { 4 day at 2 in the morn ☿ / 17 day at 6 in the morn ☌ / 19 day at 5 Afternoon ♄ / 21 day at 5 in the morn ♀ / 23 day at 8 in the morn ☿ } is with the Moon.

1	1	52	*Two Potentates, one North, one South we see,*
2	1	56	*Formerly Great, tho' now they can't agree.*
3	2	0	Seven Stars rise 43 min. past 9 at Night.
4	2	3	Day 14 hours and a half long.
5	2	7	Seven Stars So. 52 min. past 5 in the morn.
6	2	11	*Aldebaran* rises 15 min. past 11 at Night.
7	2	15	
8	2	18	Great and Wonderful Things without long
9	2	22	and serious Consideration, cannot well
10	2	26	be accomplish'd.
11	2	30	*Vana est sine viribus ira.*
12	2	34	Day 14 hours long.
13	2	38	Seven Stars rise at 9 at Night, and is
14	2	42	South 11 min. past 5 in the Morning.
15	2	45	
16	2	49	
17	2	53	
18	2	56	*Let Reason go before every Enterprize, and*
19	2	59	*Counsel before every Action.* Ec. 37. 16.
20	3	3	*Venus* sets 8 min. after the Sun.
21	3	7	Day 13 hours and a half long.
22	3	11	*Fomahant* South at Midnight, and sets 30
23	3	15	min. past 3 in the Morning.
24	3	19	
25	3	23	
26	3	27	
27	3	31	*Fomahant* South 40 min. past 11 at Night.
28	3	35	and sets 10 min. past 3 in the morn.
29	3	39	Some Clandestine Practices now on Foot.
30	3	44	Day 13 hours long.
31	3	48	*Nihil agendo, male agere discs.*

Days Decreased.

Watch too fast.

** Watch too slow.

September hath xxx days.

● Full Moon the 4 day, 30 min paſt 2 in the morn'.
☽ Laſt quarter the 11 day, 36 min. paſt 7 at Night.
● New Moon the 19 day, at 4 Afternoon.
☾ Firſt quarter the 26 day, 33 min. paſt 1 Afternoon.

1	f	Sun riſ. 5.38	15	♒	25	A pleaſant and	1	M	55	3	5
2	g	*Rachel*	29	♓	42	ſeaſonable time.	3	☽ ſet	20	4	1
3	a	*Euphem.*	13	♈	50		4		52	4	3
4	b	Sun ſet 6.16	27		42	△ ♃ ♀. Mode-	Full	●		5	
5	c	*Zachary*	11	♉	17	rate ſhowers of	6	A	10	5	2
6	d	Sun riſ. 5.48	24		30	Rain. □ ♄ ☽.	6		27	5	4
7	E	12 aft Trin.	7	♊	21		6		48	6	
8	f	Sun ſet 6. 6.	19		53	N.V.M. △ ☉ ♃	7		14	6	2
9	g	*Kunigur*	2	♋	8	Warm and a	7	Moons Riſing	53	6	4
10	a	Sun riſ. 6.56	14		10	Fruitful latter	8		36	7	
11	b	*Theobald*	26		2	✶ ♂ ♀ Spring.	9		34	7	2
12	c	Sun ſet 6. 0.	7	♌	50	☽ Apog. ☽ ♍.	10		35	7	4
13	d	*Amatus*	19		40		11		41	8	
14	E	13 aft. Trin.	1	♎	36	Gentle Winds	12		55	8	2
15	f	Sun riſ. 6.6.	13		44	but warm and	0	M	55	8	4
16	g	*Euphem.*	26		8	pleaſant.	2		1, 9		
17	a	Embolleek	8	♏	50		3		19	9	2
18	b	Sun ſet 5.48	21		52	Overcaſt for	4		39	9	4
19	c	*Januarius*	5	♐	13	Rain about this	New	☽		10	
20	d	Sun riſ. 6.16	18		51	✶ ♂ ☿. Time.	5	A	31	10	2
21	E	S. Matthew	2	♑	44	☌ ☉ ☿ □ ♂ ☽	5		51	10	3
22	f	Sun ſet 5.39	16		47		6	Moons Setting	20	10	5
23	g	*Foel*	0	♑	55	Some cool winds	7		0	11	1
24	a	*Rupert*	15		6	and Froſt-like.	7		53	11	3
25	b	Sun riſ. 5.32	29		17	☽ Perig. ☽ ♋	8		54	11	4
26	c	*Cyprian*	13	♍	24	✶ ♄ ☿. □ ♃ ☽	10		13	12	6
27	d	Sun ſet. 5.28	27		28		11		40	12	2
28	E	15 aft. Trin.	11	♒	28	□ ♄ ☿ ✶ ☉ ♂	1		8	12	3
29	f	S. Michael	25		23	Fair and ſeaſon-	1		8	12	5
30	g	Sun riſ. 6.38	9	♓	13	able to the end.	2		24	13	8

Watch too Low

September 1712.

The { 14 day at Midnight ☌ / 16 day at 4 in the morn. ♄ / 20 day at 9 in the morn. ☿ / 20 day at 10 in the Morn. ♀ / 27 day at noon ♃ } is with the Moon.

1	3	52	*Some Formaliſts recant, tho' late, what then?*
2	3	56	*And would reform, but will not tell you when;*
3	4	0	*Thoſe ſneaking Tools which were they try'd, no*
4	4	4	*doubt,*
5	4	8	*Would raiſe diſturbance, could they bring't a-*
6	4	12	*bout.*
7	4	16	5 Day 12 hours and a half long.
8	4	20	*Sturbridge* Fair begins the 8th day.
9	4	25	*Jupiter* ſets 55 min. paſt 11 at Night.
10	4	29	*Aldebaran* riſes at 9 at Night, and is South,
11	4	34	23 min. paſt 4 in Morn. *Tollere impedimenta.*
12	4	38	Day 12 hours long.
13	4	42	
14	4	46	
15	4	50	*Arcturus* riſes Coſmically.
16	4	54	*Venus* ſets 15 min. paſt 6 at night.
17	4	58	*Lyon's* Heart riſes 25 min. paſt 2 in Morn.
18	5	2	*Virgins* Girdle riſes Coſmically.
19	5	6	Day 11 hours and a half long.
20	5	10	Great *Dog* Star riſes 30 min. paſt 1 in the
21	5	14	Morn. and is South at 6 in the Morning.
22	5	18	
23	5	22	
24	5	26	
25	5	30	*Aldebaran* riſes 6 min. paſt 8 at Night.
26	5	34	Day 11 hours long.
27	5	38	*Aldebaran* South 30 min. paſt 3 in Morn.
28	5	42	*Seven Stars* riſes 20 min. paſt 6 at Night,
29	5	46	and is South 30 min paſt 2 in the Morn.
30	5	50	*Annulo magis credunt quam Animo.*

Days decreaſed.

October hath xxxi days.

● Full Moon the 3 day, 30 min. paſt 3 afternoon.
☾ Laſt quarter the 11 day, 17 min. paſt 3 afternoon.
● New Moon the 19 day, 50 min. paſt 3 in the morn.
☽ Firſt quarter the 25 day, at 8 at Night.

1	a	*Remigius*	22 ♐ 54		3	M	51	13	22
2	b	Sun ſet. 5.20	6 ♈ 22	Showers of Rain	5		7	13	36
3	c	*Simplic.*	19 37	at the begining	Full	●		13	49
4	d	*Franciſe*	2 ♉ 3	of the Month.	5	A	4	14	2
5	e	16 aft. Trin.	15 23		5		33	14	14
6	f	Sun riſ. 6. 50	27 50	A pleaſant and	5		57	14	26
7	g	*Spes*	10 ♊ 1	☌ ♄ ☉. ſeaſon-	6		39	14	37
8	a	*Pelagii*	22 1	able Time at	7		33	14	47
9	b	Sun ſet. 5. 4	3 ♋ 54	☽ ☍ ☿. ☽ Ap.	8		34	14	57
10	c	*Gideon*	15 52	preſent.	9		36	15	6
11	d	Sun riſ. 7. 0	27 31	□ ☉ ♃. Winds	10		42	15	15
12	e	17 aft. Trin.	9 ♌ 27	and ſtore of tur	12		0	15	24
13	f	*Telemach.*	21 35	bulent Weath.	0	M	0	15	30
14	g	Sun ſet 4. 54	3 ♍ 52	for many days.	1		14	15	36
15	a	*Hedwig.*	16 42		2		30	15	42
16	b	*Gallus*	29 51	♂ ♄ ☌ ☍. 2, 30	3		44	15	47
17	c	Sun riſ. 7. 12	13 ♎ 29	Stormy, wet,	5		2	15	51
18	d	S. Luke	27 19	and very unſea-	6		27	15	54
19	e	18 aft. Trin.	11 ♍ 34	ſonable Wea-	New	☽		15	57
20	f	Sun ſet. 4. 42	26 3	ther.	5	A	4	15	59
21	g	*Urſula*	10 ♐ 41	□ ♄ ♀. ☌ ♄ ☿	5		53	16	0
22	a	Sun riſ. 7. 21	25 21	☽ ☊. Overcaſt.	6		51	16	1
23	b	Term Beg.	9 ♑ 51	☽ Per. □ ♃ ☿	8		0	16	00
24	c	Sun ſet 4. 35	24 11	☌ ♃ ♀ ✶ ♂ ☿	9		28	15	59
25	d	*Criſpin*	8 ♒ 20		10		52	15	57
26	e	19 aft. Trin.	22 1	□ ♂ ♀. Wind	12		12	15	54
27	f	Sun riſ. 7. 31	5 ♓ 56	and dry Wea-	0	M	12	15	49
28	g	S. S. & Jud.	19 2	ther, but alters	1		35	15	46
29	a	Sun ſet 4. 25	2 ♈ 3	frequently.	2		51	15	42
30	b	*Abſolon*	15 42	More ſeaſona-	4		11	15	38
31	c	Sun riſ. 7. 38	28 3	ble at the end.	5		31	15	21

Moons Rising — Moons Setting — Watch too ſlow

October 1712.

The { 13 day at 7 at Night. ♂ / 13 day at 10 at Night. ♄ / 17 day at 11 at Night. ☿ / 20 day at 10 before noon ♀ / 24 day at 11 at Night ♃ } is with the Moon

1	5	54	Differences arise, not eaſily acommodated.
2	5	58	*Virgin's Spick* riſes Coſmically.
3	6	2	Dog Star riſes 43 min. after Midnight.
4	6	6	Day 10 hours and a half long.
5	6	10	Dog Star South 17 min. paſt 5 Morn.
6	6	14	
7	6	18	
8	6	22	*Fomahant* South 3 min. paſt 9 at Night,
9	6	26	and ſets 43 min. paſt 11 at Night.
10	6	30	*Camb.* Term beg. *Proctors Taxers*, &c. choſen.
11	6	34	Day 10 H. long. *Mendacii Pater Diabolus.*
12	6	38	Seven ♃ riſes half an hour paſt 5 at night.
13	6	42	
14	6	46	
15	6	50	Seven Stars South 31 min. paſt 1 morn.
16	6	54	Leſſer Dog Star riſes 46 min. paſt 10 night.
17	6	58	and is South 11 min. paſt 5 in Morn.
18	7	2	*Nam genus & formam Regina pecunia donat.*
19	7	6	Day 9 hours and a half long.
20	7	10	*Venus* ſets 20 min. paſt 5 at Night.
21	7	13	
22	7	17	
23	7	21	
24	7	24	*Magna Congregatio*, or black Aſſembly. *Camb.*
25	7	28	*N. Aſſellus* riſes half an hour paſt 9 Night.
26	7	32	*N. Aſſell.* South near 6 in the morn.
27	7	36	Day 9 hours long.
28	7	40	*Mars* riſes 33 min. after Midnight.
29	7	44	*Let* Rome *and* Italy *beware, for there*
30	7	48	*Will fall out ſomething that may make 'em fear.*
31	7	52	*Jupiter* ſets 7 min. paſt 9 at Night.

Days decreaſed.

November hath xxx days.

● Full Moon the 2 day, 48 min. past 6 in the Morn.
☾ Last quarter the 10 day, 10 min. past 11 beforenoon.
● New Moon the 17 day, at 3 afternoon.
☽ First quarter the 24 day, 38 min. past 6 in the Morn.

1	d	All Saints	11	♉	16	Cold Rain or	6	M	52	15 15
2	e	20 aft. Trin.	23		46	Snow begins	●	Full		15 10
3	f	Sun ris. 7.43	6	♊	4	the Month.	4	A	31	15 1
4	g	*Modestius*	18		11	Windy and	5		16	14 50
5	a	Powd. Pl.	0	♋	3	☽ ☌♄. Stormy	6		18	14 38
6	b	Sun set 4.12	12		1	☽ Ap. for some	7		24	14 26
7	c	*Wilibald.*	23		50	day.	8		33	14 13
8	d	Sun ris. 7.51	5	♌	39	□☉♄. Cold	9		41	14 0
9	e	21 aft. Trin.	17		34	Weather some	10		50	13 45
10	f	*Martin Ep.*	29		39	□♄♀. days.	12		4	13 30
11	g	Sun set 4. 5	12	♍	0	Martinmas day.	0	M	4	13 13
12	a	*Cunibert*	24		41	☌☉☿.	1		13	12 56
13	b	*Eugenia*	7	♎	47	✶☉♆✶♆☿	2		29	12 38
14	c	Sun ris. 8. 0.	21		20		3		47	12 19
15	d	*Leopald*	5	♏	21	△♄♀. Plea-	5		14	12 0
16	e	22 aft. Trin.	19		47	sant and favou-	6		37	11 40
17	f	Sun set 3. 56.	4	♐	33	rable.	New	☽		11 20
18	g	*Hesechius*	19		33	Sleet or showers	4	A	32	10 59
19	a	*Elizabeth*	4	♑	35	☽☍☿. of Rain.	5		54	10 37
20	b	Sun ris. 8. 7.	19		32	☽ Per. □♂♀.	7		2	10 14
21	c	*Obla.* V. M.	4	♒	16		8		32	9 50
22	d	*Cæcilia*	18		40	Fair and warm	9		57	9 25
23	e	23 aft. Trin.	2	♓	43	for the Time of	11		23	9 2
24	f	Sun set. 3. 49	16		22	the Year.	12		41	8 37
25	g	*Catharine*	29		42		0	M	41	8 11
26	a	*Conradus*	12	♈	44	△☉☽. Mode-	1		57	7 45
27	b	Sun ris. 8. 14	25		30	rate and season-	3		6	7 19
28	c	Term End	8	♉	4	able some days.	4		25	6 52
29	d	Sun set 3. 45	20		27	△♄♆ □☉♂	5		36	6 24
30	e	S. Andrew	2	♊	41	Advent Sund.	6		52	5 57

Moon's Rising — Clock too slow

Moon's Setting

November 1712.

The { 10 day at 11 bef. noon ♄ ; 11 day at 9 in the Morn. ♂ ; 17 day at 8 at Night. ☿ ; 19 day at 8 in the Morn. ♀ ; 21 day at Noon. ☿ } is with the Moon.

1	7	55	*Seven Stars* riſes 8 min. paſt 4 Afternoon.
2	7	58	*Seven Stars* South 18 min. after Midnight.
3	8	1	*Aldebaran* riſes 35 min. paſt 5 at Night.
4	8	4	Day 8 hours and a half long.
5	8	7	*Aldebaran* South 57 min. after midnight.
6	8	10	
7	8	13	
8	8	16	
9	8	19	*Ambition, Coveteouſneſs, Revenge and Pride,*
10	8	22	*May in due Time be rightly tim'd and try'd.*
11	8	25	*De male quæſitis vix gaudet tertius hæres.*
12	8	28	Great Dog-Star riſes at 10 at Night, and
13	8	31	is South 34 min. paſt 2 in the Morn.
14	8	34	Day 8 hours long.
15	8	37	
16	8	40	
17	8	43	
18	8	46	*Jupiter* ſets a quarter paſt 5 at night.
19	8	49	*Jupiter* ſets at 8 at Night.
20	8	52	*Seven Stars* South 57 min. paſt 10 at night,
21	8	54	and ſets 7 min. paſt 7 in the Morning.
22	8	56	Great Dog-Star riſes 17 min. paſt 9 Night,
23	8	58	and is South 51 min. paſt 1 in the morn.
24	9	0	
25	9	2	
26	9	4	Great Dog-Star riſes near 9 at Night.
27	9	6	Great Dog-Star South 30 m. paſt 1 Morn.
28	9	7	Day 7 hours and a half long.
29	9	9	*Lyon*'s Heart riſes 34 min. paſt 9 at Night,
30	9	10	and is South 41 min. paſt 4 in the morn.

Days decreaſed.

December hath xxxi days.

● Full Moon the 2 day, 10 min. before 1 in the Morn.
☾ Laſt quarter the 10 day, at 3 min. paſt 5 in the morn.
● New Moon the 17 day, 44 min. paſt 1 in the morn.
☽ Firſt quarter the 23 day, 5 min. paſt 7 at Night.
● Full Moon the 31 day, 30 min. paſt 8 at Night.

1	f	Sun ſet 3.44	14 ♊ 47	Sleet of Snow	7	46	5	28	
2	g	*Candidus*	26 46	☽ ☍. perhaps	Full	●	4	59	
3	a	*Caſtian*	8 ♋ 41	turns to Rain.	4	A 58	4	31	
4	b	Sun riſ. 8.18.	20 33	△ ♂ ☿. ☽ Ap	6	3	4	2	
5	c	*Sabina*	2 ♌ 24		7	11	3	33	Watch too ſlow
6	d	*Nicholas*	14 16	Open Weather	8	24	3	3	
7	e	2 Sund. Ad.	26 13	and mild for	9	32	2	33	
8	f	Sun ſet. 3.41	8 ♍ 19	△ ♄ ☉. the	10	39	2	3	
9	g	*Goackim*	20 37	Time of the	11	50	1	33	
10	a	Sun riſ. 8.19	3 ♎ 14	Year.	13	M 7	1	4	
11	b	*Damaſus*	16 14	No great alte-	1	7	0	34	
12	c	*Valerius*	29 34	ration till about	2	21	0	4	
13	d	Sun ſet 3.41	13 ♏ 34	the full Moon.	3	39	0	26	★ ★
14	e	3 Sun. Adv.	27 56		5	12	0	59	Riſing
15	f	*Abraham*	12 ♐ 42	Overcaſt for	6	27	1	26	
16	g	Sun riſ. 8.17	27 49	☉ Ec. inviſible	7	38	1	56	
17	a	Embolleek	13 ♑ 3	at 14 ho. p. m.	New	●	2	25	
18	b	*Chriſtoph.*	22 17	☽ ☌. Snow or	5	A 55	2	3	Watch too faſt.
19	c	*Lotb.*	13 ♒ 19	△ ♂ ☿. ☌ ♃ ♀	7	20	3	2	
20	d	Sun ſet 3.44	28 2	cold Rain.	8	51	3	5	
21	e	S. Thomas	12 ♓ 20		10	10	4	2	
22	f	*Theodoſe*	26 10	Gentle Winds	11	32	4	4	
23	g	*Dagobet*	9 ♈ 34	but fair and ſea-	12	56	5	1	
24	a	Sun riſ. 8.14	22 32	△ ♄ ☽. □ ☿ ☽	0	M 56	5	4	
25	b	Chriſtmas	5 ♉ 12	ſonable.	2	5	6	1	
26	c	S. Stephen	17 36		3	15	6	3	Setting
27	d	S. John	29 47	Moderate froſts	4	23	7		
28	e	Innocents	11 ♊ 48	conclude the	5	30	7	2	
29	f	Sun ſets 3.51	23 25	Month and	6	21	7	5	
30	g	*David*	5 ♋ 34	☽ ☍. Year.	7	5	8	1	
31	a	*Silveſter*	17 31	☽ Apogæon.	Full	●	8	4	

December 1712.

The { 7 day 10 min. p. 4 aftern. ♄ / 9 day 12 min. p. 4 aftern. ♂ / 18 day at 9 in the morn. ☿ / 19 day at 5 in the morn. ♀ / 19 day at 5 in the morn. ♃ } is with the Moon.

1	9	10	*Jucunditas cordis est vita Hominis.*
2	9	11	Great Dog ✳ rises 30 min. past 8 at Night,
3	9	12	and is South 8 min. past 1 in the Morn.
4	9	13	*Orion's Girdle* South 43 min. past 11 at
5	9	14	Night, and sets 38 min. past 5 in morn.
6	9	15	
7	9	15	
8	9	15	
9	9	16	Seven Stars South 30 min. past 9 at Night,
10	9	16	and sets 40 min. past 5 in the Morning.
11	9	16	Shortest day at *Stamford*, 7 hours, 22 min.
12	*	*	*Aldebaran* South 10 min. past. 10 at Night,
13	○	○	and sets 33 min. past 5 in the Morning.
14	○	○	
15	○	1	
16	●	1	*Cambridge* Term ends.
17	○	2	*Lyon's* Heart rises 15 min. past 8 at Night,
18	○	3	and is South 22 min. past 3 in the Morn.
19	○	4	*Aldebaran* South 35 min. past 9 at Night,
20	○	5	and sets at 5 in the morning.
21	○	7	Day 7 hours and a half long.
22	○	9	
23	○	10	
24	○	12	
25	○	13	*Farewell, kind Reader, till I come agen,*
26	○	15	*And beg the Muses to direct my Pen; (past,*
27	○	16	*Such crooked times and turns i'th' World have*
28	○	18	*And not long since did look as tho' 'twould last;*
29	○	19	*But by this Time we better Things embrace,*
30	○	21	*I hope a lasting, Honourable Peace.*
31	○	23	Amici cum Fortuna mutantur.

Days decreased.

Days increased.

Watch too fast.

The Dominion of the Moon in Man's Body, passing under the 12 Signs of the Zodiack.

♈ *Aries.* Head and Face.

♉ *Taurus* Neck and Throat.

♋ *Cancer* Breast and Stomach.

♍ *Virgo* Bowels and Belly.

♏ *Scorpio* Secret Members.

♑ *Capricor* Knees.

♊ *Gemini* Arms and Shoulders.

♌ *Leo,* Heart and Back.

♎ *Libra* Reins and Loyns.

♐ *Sagitta* Thighs.

♒ *Aquari* Leggs.

♓ *Pisces* the Feet.

The Characters of the Seven Planets, with Dragons Head and Tail.

♄ *Saturn*	☉ *Sol*	☽ *Luna*
♃ *Jupiter*	♀ *Venus*	☊ *Dragons Head*
♂ *Mars*	☿ *Mercury*	☋ *Dragons Tail*

The Aspects both Old and New,

☌ *Conjunction,* when the Planets are in one Sign and De

⚺ *Semisextile,* when they are asunder 1 Sign.

⚹ *Sextile,* when they are 2 Signs distant.

⚼ *Quintile,* when they are one from another 2 Signs 12 D

□ *Quartile,* when Planets are distant 3 Signs.

Td *Tredecile,* when they are 3 Signs 18 Degrees distant

△ *Trine,* when they are parted 4 Signs.

Bq *Biquintile,* when they are removed 4 Signs 24 Degree

Vc *Quincunx,* when they are 5 Signs Distant.

☍ *Opposition,* when they are distant 6 Signs.

Kepler's Definition of an Aspect, Epit. Astron. pag. 840

Est angulus formatus à radiis luminosis binorum Planet rumapud terr am, efficax ad stimulandam naturam sublun rem.,

WIN

WING.

A

PROGNOSTICATION,

For the Year of our

LORD GOD,

1712.

Being the Biſſextile or Leap-year.

Wherein is contain'd the time of the Sun's Ingreſs into the four Cardinal Signs; with a Figure of the Heavens at the time of the Sun's Ingreſs into *Aries*. An Account of the Eclipſes, with the Calculation of one that is Viſible of the Moon. A Table ſhewing the Hour of the Day by a Rod or Hand-ſtick: Alſo a pleaſant Chronology of Memorable things ſince the Creation of the World. And alſo, A Brief Diſcourſe concerning the Excellency and Uſefulneſs of Mathematical Learning.

By *John Wing*, Math.

LONDON:
Printed by *W. Pearſon*, for the Company of STATIONERS, 1711.

A Table shewing the true Hour of the Day by a plain Staff divided into 10 equal Parts.

Ho. Afternoon. / Ho. Forenoon.	12	1 / 11	2 / 10	3 / 9	4 / 8	5 / 7	6 / 6	7 / 5
June 11 / 11 June	5 ſ	6	7 ſ	9 d	13 ſ	19 q	30	5
6 / 16	5 ſ	6	7 ſ	10	13 ſ	19 q	30 q	58
1 / 21	5 ſ	5	7 ſ	10	13 d	19 ſ	30 ſ	59
26 / 27	5 d	6 q	7	10	13 d	19 d	31 q	61
May 21 / 2 July	5 d	6 ſ	7 d	10 q	14	20 q	32	65
16 / 7	6	6 ſ	8	10 ſ	14 ſ	20 d	33 ſ	71
11 / 13	6 ſ	6 d	8 q	10 d	14 d	21 ſ	35	78
5 / 18	6 q	7	8 ſ	11 q	15 q	22 ſ	37 q	90
April 30 / 23	7 q	7 ſ	9	11 ſ	16	23 ſ	40	108
25 / 28	7 q	7 d	9 ſ	12	16 d	24 d	43 d	138
20 / 2	7 d	8 q	10	12 d	17 ſ	26	48	196
15 / 8 August	8 q	8 d	10 ſ	13 q	18 ſ	28	54 q	358
9 / 13	8 d	9 q	11	14	19 ſ	30 q	62 q	
4 / 18	9 q	9 d	11 ſ	14 d	20 d	33 q	74 q	
March 30 / 23	10	10 ſ	12 q	15 d	22 q	36 ſ	92 q	
25 / 28	10 ſ	11 q	13	16 d	24	40 d	122	
20 / 2	11 q	12	14	18	26	46	182	
15 / 7 September	12	12 d	15	19 ſ	28 ſ	53 d	364	
10 / 13	13	13 d	16	21	31 q	62 d		
5 / 17	14	14 d	17 q	22 d	34 d	76 q		
February 28 / 22	15	16	18 d	24 d	39	97 q		
23 / 28	16 q	17	20	27	44	134		
18 / 3 October	17 ſ	18 ſ	22	29 d	51	210		
13 / 8	19	20	24	33	59			
3 / 13	20 ſ	21 d	26	36 d	70 d			
8 / 18	22	23 ſ	28 ſ	40 d	86 q			
January 29 / 23	24	25 ſ	31	46	110			
24 / 28	26	27 ſ	34	51 d	145			
19 / 2 November	28	29 d	37	59	208			
14 / 6	30	32	40 ſ	66 d	344			
9 / 11	32	34 ſ	44	76	829			
4 / 16	34	36 d	47	86				
December 30 / 21	36	39	51	99				
25 / 26 December	37 d	41 ſ	54 q	108				
21 / 1	39	42	56 ſ	117				
16 / 6	39 d	43 q	58 q	124				
11 / 11	40	43 d	59	126				

WING. 1712.

*** Note: That q stands for Quadrans a quarter of a part; ſ for Semiſſis half; and d for Dodrans three quarters of a Part.

To find the true Hour of the Day by the former Table.

TAke a Staff of what length you pleaſe, and with a pair of Compaſſes divide it into ten equal parts, marking them upon the Staff; then in ſome level place where the Sun doth ſhine, ſet it upright, and mark where the end of the ſhadow falls; which done, meaſure with your Staff the length of the ſhadow, and note the parts it contains; which find out in this Table right againſt the day of the Month, and over head you will find the true Hour of the Day; as will appear more clearly by example.

Suppoſe the 9 of *April*, or 13 of *Auguſt*, I ſhould find the ſhadow of the Staff to be 30 parts and a quarter of a part more, that is, three Staffs length, and a quarter of a part, therefore ſeeking in the Table, againſt the ſaid days, I find 30 *q* which is 30 parts and a quarter; and ſee over head that it is then either 7 a clock in the Morning, or 5 in the Afternoon; ſo that if your obſervation was in the Morning, it was 7; but if in the Afternoon, 5 a clock.

Thus the 13 of *February*, or 8 of *October*, if the ſhadow of the Staff be juſt 19 parts, it is 12 a clock, if 20, it's one a clock, if 24, two a clock, if the obſervation be made in the Afternoon.

Thus you ſee the Hour of the Day is exactly and ſpeedily found, by a Rod or Staff, and the help of this Table; likewiſe by the Calender part may the Hour of the Night be known either by the Moon, Planets, or Fixed Stars, being of excellent uſe to all ſorts of Men.

*** Note: Part ſtands for

A Compendious Chronology of Memorable things since the Creation to this Year, 1712.

From the Creation of the World. } *Juxta* {

	Years
Orientalis Ecclesiæ tradita	521
Occidentalis Ecclesiæ tradita	691
Hebræos & Judæos recentiores	547
S. Literas & Hist. fide digniores	566

Since {

Noah's Flood	4005
The Destr. of *Sodom* and *Gomorrha*	3613
The Destr. of *Troy*	2910
Brute ent. this Land	2819
The build. of *Lond.*	2813
The build. of *Cant.*	2604
The build. of *York*	2601
The build. of *Stamf.*	2584
The bui. of *Leicester*	2555
The build. of *Rome*	2454
Haman was hanged	2164
Alexander died	2032
Julius Cæsar slain	1745
Jerusalem was taken by *Titus*	1639
St. *Peter* and St. *Paul* were put to Death	1638
England receiv'd the *Christian* Faith	1522
St. *Augustine* died	1282
Duke *William* conquered *England*	646
S. *Paul*'s Chu. burnt	626
The 1 ſt Mayor of *Lo.*	522
London Bridge was built with Stone	503
The Invent. of Guns	334
The rare Art and Myſtery of *PRINTING*	272
Coaches came into *England*	157

Since {

The great Maſſacre i *France.*	14
The Kalen corrected	13
K. *Charles* I. was born	11
The Powder Plot	10
The great Froſt	10
The Comet *Nov*	18.
King *Charles* II. w Born	8
The great Fight at *Lut* in *Germany* Sep. 6.	
The long Parliament b gan *Noveb.* 3.	
The great Rebellion *Ireland* beg. *Oct.* 23.	
Brentford Fight	
Edgehill Batt. *Oct.* 23.	
The Covenant (that bo of Iniquity) taken the Members of t Houſe of Commons	
The Biſhop of *Canterb* beheaded *Jan.* 10.	
Naſeby Fight *June* 14.	
The *Scots* routed in *L caſhire* by *O. C.*	
K. *Charles* I. murther *Jan.* 30.	
D. *Hamilton*, L. *Capel*	
E. of *Holland* beheaded	
Colcheſter was taken	
Worceſter Fight *Sept.* 3	

Since

The long Parliament was pulled out by *O. C.* 59
Dunkirk deliver'd to the *Engliſh* 54
Sir *Henry Slingsby* and D. *Hewet* beheaded 54
Oliver died *Sept.* 3. 54
The Lord *Monk* brought in the ſecluded Members *Feb.* 11. 52
The healing Parliament *April* 25 52
K. *Ch.* II. happily arriv'd to *London* May 29. 52
K. *Charles* II. Crown'd at *Weſtm.* Apr. 23. 51
Two Comets appear'd in four months time 47
The great Plague in *London* whereof died about a 100000 47
The ſad and lamentable Fire in *London* Sept. 3, 4, 5, 6. 46
Peace agreed betwixt the *Engliſh* & the *Dutch* 38
The great ſnow, it ſnowed 11 days together 38
Sir *Edmund Bury Godfry* was murthered 34
A great and wonderful Comet in *December* 32
The Lord *Ruſſel* beheaded *July* 21 29
The great Froſt 28
Sir *Thomas Armſtrong* was executed 28
King *James* and his Queen Crown'd *April* 23. 27
The rebellion in *Scotland* began *May* 13 27
The Rebellion in *Dorſetſhire* began *June* 11. 27
The Rebels were defeated near *Bridgwater* in *Somerſetſhire July* 6. 27
The late Duke of *Monm.* beheaded *July* 15. 27
K. *William* and Q. *Mary* Crown'd *April* 11. 23
K. *Will.* redu. *Ireland* 22
The *French* Fleet beaten to purpoſe by the *Engliſh*, in which ingagement they loſt 20 Capital Ships 20
Q. *Mary* II. Di. *Dec.* 28. 17
The Plot for Aſſaſſinating K. *Will.* III. 16
Charnock, *King* and *Keys* (for High Treaſon) were Drawn, Hanged and Quartered in *March.* 16
Sir *John Friend* and Sir *Will. Perkins* were alſo Drawn, Hanged and Quartered for High Treaſon, *March.* 16
The General Peace was concluded 15
King *William* died 10
Q. *Anne* Cro. *Apr.* 23. 10
The great Wind *November* 27 9
The glorious Battle at *Bleinheim* 8
The Battle at *Ramellis* 6
England & *Scotland* made *Great Britain* 5
Prince *George* died. 4

Tempus datum			*Longit. Solis*				*Anom. Solis*			
			S.	D.	′	″	S.	D.	′	″
Epocha		1712	9	20	03	28	6	12	25	5
March,	Day	8	2	07	01	26	2	07	01	1
	Hours	23			56	40			56	4
	50 Min.	15 Sec.			02	4			2	
Mean Motion ☉			11	28	03	38	8	20	25	5
Prosthaph. add.				1	56	22				
Locus Solis			♈	00	00	00	☉ enters ♈			

Strike home my Muse, the Storm is past and gone,
And calmer Days no doubt are coming on:
Some still are learning what they may repent,
And what they will not tell, is their intent;
'Tis pity Friendship, Unity and Peace,
Shou'd be abus'd, or e'er have cause to cease:
If all wou'd study but each others good,
Then would these things be better understood:
We all may wish it so with one accord,
Then wou'd our Lives more happiness afford.

Of the Spring *Quarter.*

THE Spring Quarter beginneth this Year in the Meridian of *Stamford*, on *Sunday* the 9th of *March*, Minutes, 45 Seconds before Noon, at which time 25 D grees of ♋ is upon the Cuspe of the Ascendant, and Degrees of ♐ Culminates. The Aspects and other Co figurations in this Scheme, are not many, but very rema kable, ♄ and ♆ are in ♂ from ♌ and ♒, by which t *Turks* are signified to their inevitable loss, it also fome the difference betwen the *Swedes* and *Muscovites*, a seems to be of ill consequence to one or both these Cou tries, and not soon ended, and will prove troublesom enough to all such Countries and Places as are signifi thereby, as Conspiracies, New Plots, &c. both by Sea a

Lan

and; which Her Majesties Subjects of *Great-Britain*, has no occasion to fear, for the Heavenly Bodies are more propitiously disposed towards us, ♄ is in △ to ☉ in ♈, Englands Ascendant, it being also the place of the great Conjunction of *Saturn* and *Jupiter*, *May* 11. 1702. ♄ now in △ and ♆ in ✶ thereto gives hopes of a Peace: for tho' the two Superiors are in opposition at the time of this Ingress; it cannot much affect us, but rather those Countries signified by ♌ and ♒, which concerns not *Great-Britain?* And for further confirmation ♆ is in ✶ both to the ☉ and ♂, and both in the M. C. which does indigate an honourable and lasting Peace, or some more than ordinary victory against the common Enemy, which in a great measure will oblige him to the former. *Ingens telum necessitas.* We may also consider the *Sun* and *Jupiter*

are Lords or Governours of the Tenth Houſe, which brin a right underſtanding between our Queen and Parliamen and that our Orthodox Divines are had in more eſtee than ever, which ſeems to hold and flouriſh, for theſe a ſuch like poſitions rarely fails of conſumating ſu happineſſes amongſt us; and there is but little room l now for Hypocriſie to Triumph over Vertue.

There are a great many things of conſequence are ve probably to be expected within the limits of this preſe Year, which will make greater alterations in the Wor for the better, for tho' the great Conjunction of ♄ and in ♈ 1702 (Aſtrologically Speaking) hath occaſion'd a thoſe Diſorders, Diſſentions and Differences amongſt us yet now the preſent poſture of the Heavens do ſeem t rectifie ſome Exhorbitances amongſt us, and for ſome Yea to come ſpeak (in their language) in favour of Pea and Plenty.

Hence therefore if with us, all is not well,
It muſt appear our Natures do Rebell:
'Tis haughtineſs and Pride amongſt the reſt,
Which makes bad worſe, yet cannot ſtand the Teſt;
But with conſent let's leave theſe crooked ways,
In Peace, Content and Love conclude our Days.

Qui non laboret, non manducet.

Of the Summer *Quarter.*

THE Summer Quarter commenceth on *Tueſday* th 10th Day of *June*, 5 minutes paſt noon, at whic time 1 degree of ♎ Aſcends, and 1 degree of ♋ is o the M. C. ſo that the Angles of the Spring and Summe Quarters are nearly in ✶ to each other, and ☽ applyin to △ of ☉, and ♂ to ♄, in ♂ with ♆ and △ to ♃ ♀ and ☿, the mutual Aſpects are △ ♆ ♀. ✶ ♄ △ ♆ ♂. ✶ ♄ ♂ and ✶ ♄ ☿. By which we ma venture to predict, that theſe are Aſpects of benign n tur

ture, and corroborates and brings on all that Good ſpoken to in the Spring quarter; and ſeems to correct and fruſtrate the reſt ſo that it may reaſonably be conjectured, about this time we are arriving to ſome proficiency in ſome weighty Affair, much to the advantage of great part of Europe.

O mala paupertas vitij ſceleriſque miniſtra.

Of the Autumn *Quarter.*

THE *Autumn* Quarter initiateth at the time of the Suns entrance into ♎, or the Earth enters ♈, which either way taken, happens this Year on the 11th day of *September*, 13 hours 18 min. P. M, or more plainly on *Friday* the 12 of *September* 18 min. paſt 1 in the Morning, at which time 11 degrees of ♌ Aſcends, and 21 degrees of ♈ is on the Mid-haven. The moſt remarkable Aſpects are ☌ ☉ ♆. ☌ ♆ ♀. ✶ ♂ ♀. □ ☉ ☽. ✶ ♄ ☽. □ ♀ ☽. The preſent poſition of the Heavens at this Autumnal Ingreſs, is concordant with the two former, ſo that now abouts, or a little before the Year expires, we may expect the welcome news we have ſo long waited for

How dully hath our cauſe gon on of late,
When all was thought to be unfortunate:
But cheer you drooping Spirits and come on,
See what is coming, and whats from you gon.
The noiſe of Drums and Trumpets ſeem to ceaſe,
And uſher in the long deſired Peace.

Status pacatus eſt optatiſſimus.

Of the Winter *Quarter.*

THE *Winter* Quarter maketh its entrance when the Sun enters ♑, which falls this Year, on *Wedneſday* the

the 10th day of *December*, 40 min. past 3 afternoon, when 28 degrees of ♊ Aſcends, and 23 degrees of ♒ mounts the Midheaven. The Aſpects are △ ♂ ♀. △ ☉ ♄. △ ♂ ☿. and ♀ applying to ♂ of ♐ and △ ♐ ☽. Aſtrologers does account theſe Aſpects to be of a friendly nature; and tho' they do not ſo nearly concern us, yet are they no way againſt us, and it were heartily to be wiſhed and deſired too. that God Almighty would eſtabliſh an honourable and laſting Peace throughout Chriſtendom, tho' there is no ſuch proſpect at preſent.

But be this as it will, the year is going,
God's Bleſſings on poor mortals is beſtowing:
'Tis want of thankfulneſs and other things,
That God hath plagu'd us by the worſt of Kings;
But would we all repent and do his will,
Then ſure he would our better thoughts fulfill.

Ab omni malo, libera nos Domine.

Of the Eclipſes *this Year* 1712.

THere will happen this Year Four Eclipſes, *viz.* Two of the Sun, and two of the Moon, and only one viſible, and 'tis of the leſſer Luminary the Moon, and the firſt that happens.

The firſt is a viſible Eclipſe of the Moon the 12 day of *January* in the Evening, according to the following Calculation.

	S	D	′	″
	D	H		
Middle time of the true ☍ *January*	12	7	42	17
True place of the Sun and Moon	♒	3	02	06
Anomaly of the Sun	6	24	34	31
Anomaly of the Moon	1	29	26	28
Arguments of the Moons Latitude	6	9	02	07
Reduction Subſtract			2	00
Time of Reduction Adde			4	09
True ☍ reſpecting the Ecliptick *Jan.*	12	7	46	26

Æqua-

	D	H	′	″
Æquation of time Sub.			9	14
Apparent time of the true ☌ *January*	12	7	37	12
Sum of the Horizontal parallaxes of ☉ and ☽			55	04
Semidiameter ☉ Substract			16	29
Apparent Semidiameter of the Earths shadow			38	35
Semidiameter ☽ Adde			15	15
Sum of the Semidiameters			53	50
True Latitude South			47	02
Scruples difficient			6	48
Digits Eclipsed 2° 44′		2	44	00
Minutes of Incidence			26	11
Time of Incidence			54	16

Hence	D	H	′	″	
The begin. of the Eclipse is *Jan.*	12	6	51	02	P. M.
Middle or greatest obscuration		7	55	18	
End of the Eclipse		9	39	34	
Total duration		1	48	32	
Latitude ☽ at the beginning		So.	44	30	
Latitude ☽ at the end		So.	49	30	

The Second is an Eclipse of the Sun near 11 at night, on *Sunday* the 22d of *June*, therefore Invisible, but will be seen by our Antipodes and parts adjacent.

The Third is an Eclipse of the Moon, the 7 day of *July* near 8 in the Morning, therefore Invisible.

The Fourth is an Eclipse of the Sun the 17 day of *December* near 2 in the Morning, so not seen.

There is to be seen (clouds not interposeing) a famous Conjunction of those two glorious Stars, *Jupiter* and *Venus*, in *December*; which on the 18, 19, and 20 day will appear very near together, they being both Evening Stars, which may be observed after Sun Set, having both So. Lat. and so little difference that it will be worth observing; the true ☌ is the 19 day in the forenoon, which night they will set very near together, half an hour past 6 at Night.

A Brief diſcourſe concerning the Excellency and uſefulneſs of Mathematical *Learning.*

IN former Ages, ſuch perſons as were Mathematically Educated and had arrived to ſome proficiency in Mathematical Learning, always found a kind reception in the Courts of Princes, neither was a perſon thought to be duely qualified for a Member in the Senate or Emperial Court, except he had acquired a competent ſtock of Mathematical Knowledge; and indeed the Mathematicks of all parts of humane Learning or Knowledge, for the improvement of the Mind, for their ſubſervency to other Arts, and their uſefulneſs for the improvement of Commerce and Trade, deſerve more encouragement than has of late years been found amongſt us, tho' it is not ſo in ſome other Countries.

The ſuperſtructure of this Diſcourſe, I have taken from an Eſſay on the uſefulneſs of Mathematical Learning, Printed at the Theater in *Oxford*, 1701. (I wiſh I knew that worthy Learned Author, that I might return him thanks for the ſame,) I ſhall not need to rehearſe here all that there is diſcourſed on this Subject; but ſhall chiefly inſiſt upon ſuch parts of the Mathematicks as ſuits my intended purpoſe. Firſt, then it muſt be granted, that it adds a manly vigour to the mind, and frees it from Prejudice, Credulity, and Superſtition, by two ways; firſt, by accuſtoming us to examin and not to take things upon truſt; ſecondly, by giving us a clear knowledge and underſtanding of the Syſtem of the World, which in ſome competent meaſure underſtood, will create in us a moſt profound Reverence, of the Almighty and Wiſe Creator, and frees us from thoſe mean and narrow thoughts which Ignorance and Superſtition are apt to beget in us; and beſides, Mathematical Studies may ſerve for a pleaſant Entertainment for thoſe Hours which young Men are apt to throw away upon their Vices; and if we would but alſo conſider to what perfection theſe two or three laſt Ages is arrived to in the Motions, Periods, Order, Diſtances, and Proportions of the ſeveral great Bodies of the Univerſe, we may have juſt cauſe to admire the

the Sagacity and Induſtry of the Mathematicians, and the power of *Numbers* and *Geometry* well apply'd. But as my Author further goes on, let us caſt our eyes backward and conſider *Aſtronomy* in its Infancy, or rather let us ſuppoſe it yet to begin, as for Inſtance, a Colony of rude country People tranſplanted into an Iſland remote from the commerce of all Mankind, without ſuch knowledge of the Kallender, and the periods of the Seaſons; and without Inſtruments to make obſervations, or any the leaſt notion of Obſervations or Inſtruments. When is it we could expect any of their poſterity ſhould arrive to the Art of Predicting an Eclipſe? not only ſo, but to find out what are paſt and what to come, or when could we expect ſuch People ſhould be able by the inſpections of the Heavens, to find out how much he was *North*, or *South*, *Eaſt*, or *Weſt* off his own Iſland, and to conduct his Ship back thither? tho' I know this may be, and is daily done by what is known in *Aſtronomy*; yet when I conſider the vaſt Induſtry, Sagacity, multitude of obſervations and other things neceſſary for ſuch a ſublime piece of Knowledge, I ſhould be apt to pronounce it impoſſible and never to be hoped for: and now that we are let ſo much into the knowledge of the Machine of the Univerſe, and motion of its parts by the rules of this Science, perhaps the Invention may ſeem eaſy, but when we reflect what penetrations and contrivances were neceſſary to lay the foundation of ſo great and extenſive an Art, we cannot but admire its firſt inventors, as *Thales Mileſius*, who as *Diogenes Laertius*, and *Pliny* ſay, firſt predicted Eclipſes, and his Scholar *Anaximander Mileſius*, who found out the Globous Figure of the Earth, the Æquinoctial Points, the Obliquity of the Ecliptick, the principles of Gnomonicks, and made the firſt Sphere, or Image of the Heavens; and *Pythagoras* to whom we owe the diſcovery of the true Syſtem of the World, and order of the Planets; tho' it may be they were aſſiſted by the *Egyptians* and *Chaldeans*, which agrees well with the opinion of *Joſephus*, but whoever they were that firſt made theſe bold ſteps in this Noble Art, they deſerve the praiſe and admiration of all future Ages: But tho' the induſtry of former Ages had delivered the periods of the great Bodys of

the

the Univerſe, and the true Syſtem and order of them pretty near, yet was there one thing ſtill reſerved, which proves to be (like the other contrivances of infinite Wiſdom) Simple and Natural, depending upon the moſt known and moſt common property of matter, *viz.* Gravity. From this the incomparable Sir *Iſaac Newton* has demonſtrated the Theories of all the Bodies of the Solar Syſtem, of all the Primary Planets and their Secondaries, and amongſt others the Moon which ſeem'd moſt averſe to Numbers; and not only the Planets, (the ſloweſt of which compleats its period in leſs then half the Age of a Man) but likewiſe of Comets ſome of which its probable ſpend more than 2000 Years in one revolution about the Sun; for whoſe Theory he has laid ſuch a firm foundation, that after Ages aſſiſted with more Obſervations, may be able to calculate their Returns. In a word, the Preceſſion of the Æquinoctial points, the Tydes, the unequal vibration of Pendulous Bodies in different Latitudes, *&c.* are no more a queſtion to thoſe that have *Geometry* enough to underſtand what he has delivered on thoſe Subjects: A perfection in *Philoſophy*, that the boldeſt thinkers durſt hardly have hoped for, and unleſs mankind turn barbarous, will continue the Reputation of this Nation, as long as the Fabrick of Nature ſhall endure. After this, what is it we may not expect from *Geometry* joyned to obſervations and experiments. The uſefulneſs of Mathematicks in ſeveral other Arts and Sciences is fully and plainly Demonſtrated, and were looked upon by the ancient *Philoſophers* as the key to all knowledge: And therefore *Plato* wrote upon his School; *Let none unskill'd in Geometry enter here*, and *Xenocrates* told one ignorant in the Mathematicks, who deſired to be his Scholar, that he was fitter to card Wool: And who is it that doth not know that *Chronology* and *Geography* are indiſpenſable preparations for Hiſtory: A relation of matter of fact, being a very lifeleſs inſipid thing, without the circumſtances of time and place. Nor is it ſufficient for one that would underſtand things thoroughly, that he knows the *Topography*, that is, the name of the Country where ſuch a place lies, with thoſe of the near adjacent places, and how theſe lie in reſpect to one another; but it will become him likewiſe to underſtand the

Scien-

Scientifical principles of the Art, that is, to have a true Idea of a place we ought to know the relation it hath to any other place, as to the diſtance and bearing, its Climate, Heat, Cold, length of Days, *&c.* which things do much enliven the readers notion of the very action itſelf. Juſt ſo it is neceſſary to know the Doctrinal part of *Chronology*, if a Man would be thorowly skill'd in Hiſtory, it being impoſſible without it to unravel the confuſion of Hiſtorians, and many are ſenſible how great uſe our incomparable Hiſtorian Mr. *Dodwell* has made of the calculated times of Eclipſes, for ſettling the times of great events, which before were as to this eſſential circumſtance almoſt Fabulous. Both *Chronology*, and *Geography*, and alſo the knowledge of the Sun and Moons motions, ſo far as they relate to the conſtitution of the Kalender and Year, are neceſſary to a Divine, and how ſadly ſome otherwiſe Eminent have blundred when they meddle with things that relate to theſe, and border on them, is too apparent. No body I think, will queſtion the intereſt that *Mathematicks* have in *Painting*, *Muſick*, and *Architecture*, which are all founded on Numbers: if *Mathematicks* had not reduced *Muſick* to a regular Syſtem, by contriving its Scales, it had been no Art, but Enthuſiaſtick-Rapture, left to the roving fancy of every Practitioner; and this appears by the extraordinary pains, which the Ancients have taken to fit numbers to three ſorts of *Muſick*, viz. *Diatonick*, *Chromatick*, and *Enharmonick*: Which if we conſider with their nicety in diſtinguiſhing their ſeveral modes; we ſhall be apt to judge, they had ſomething very fine in their *Muſick*, at leaſt for moving the paſſions with ſingle Inſtruments and Voices. But *Muſick* had been imperfect ſtill, had not *Arithmetick* ſtepped in once more, and *Guido Aretinus* by inventing the temperament, making the Fifth falſe by a certain determined quantity, taught us to Tune our *Organs*, and intermix all the three kinds of the Ancients; to which we owe all the Regular and Noble Harmony of our modern *Muſick*.

And as for *Architecture*, none ought to aſſume the character of an *Architect* without a competent skill in both *Geometry* and *Arithmetick*, you ſee that *Vitruvius* requires theſe and many others, for making a compleat *Architect*. I muſt own, that ſhould any one ſet up to practice in any

of

of the forementioned Arts, furniſhed only with his *Mathematical* Rules, he would produce but very clumſy Pieces. He that would pretend to draw by the *Geometrical* Rules of Perſpective, or compoſe *Muſick* meerly by his skill in Harmonical Numbers, would ſhow but aukward performances in thoſe compos'd Subjects: Beſides the ſtiff Rules, there muſt be Fancy, Genius, and Habit, yet nevertheleſs theſe Arts owe their being to *Mathematicks*, as laying the foundation of their *Theory*, and affording them precepts, which being once invented, are ſecurely rely'd upon by Practitioners. Thus many deſign, that know not a tittle of the reaſon of the Rules they practice by; and many no better qualifi'd in their way compoſe *Muſick*, better perhaps than he could have done, that invented the Scale, and the numbers upon which their Harmony is Founded. As *Mathematicks* laid the foundation of theſe Arts, ſo they muſt improve them; and he that would invent, muſt be skill'd in Numbers. Beſides, it is fit a Man ſhould know the true Grounds and Reaſons of what he ſtudies; and he that does ſo, will certainly practice in his Art with greater Judgment and Variety, where the ordinary Rules fail him.

Pickworth in the County of *Rutland June 5th* 1711. *John Wing.*

ADVERTISEMENTS.

THE Author hereof thought fit to give Notice to thoſe that have occaſion to make uſe of him; Firſt, in Surveying of Land, laying out, and dividing Incloſures, or any thing belonging to the Art of Surveying. Secondly, Dialling, whether Direct, Declining, Inclining, Reclining, Convex, or Reflex. Thirdly, Menſuration of Buildings, either for Maſter, or Workmen. Fourthly, Drawing Platforms, or Draughts (which is the Art of Architecture) for Buildings, and giving Directions for the carrying on thereof.

MR. *James Smith*, The Famous Operator in Glaſs, Son in Law to the late Famous Mr. *William Boyce*, now lives at the Golden Griffin in St. *John's-lane*, near *Clarkenwell*, *London*; and performs the ſame Operation in Glaſs, eſpecially in making all ſorts of Artificial Eyes, ſo exactly like the Natural, having the very Motion to ſo exactly, that they may be worn by any Perſon many Years, and not known to their own Relations.

ARtificial Teeth ſet in ſo well as to eat with them, and not to be diſcovered from Natural, nor to be taken out at Night, as is by ſome falſely ſuggeſted, but may be worn Years together; they are an Ornament to the Mouth, and help the Speech: Alſo, Teeth cleaned and drawn, by *John Watts*, Operator, who applies himſelf wholly to the ſaid Buſineſs, and lives in *Racquet Court*, *Fleet-ſtreet*.

FINIS.